

STIC-Biotech/ChemLib

145269

From: Jiang, Dong  
Sent: Tuesday, February 15, 2005 3:36 PM  
To: STIC-Biotech/ChemLib  
Subject: interference search for 10/036,041

1/12/99 - priority (by  
declaration)

GeTH.

Please perform an interference search for 1) SEQ ID NO:1, and  
2) SEQ ID NO:2 (standard & back  
translation).

Please send results on paper to Dong Jiang in REM 4D70 (mail stop REM 4C70).  
Thank you very much.

Dong Jiang

AU1646  
REM - 4D70  
571-272-0872  
Mail stop REM - 4C70

RECEIVED  
FEB 15 2005  
STIC

\*\*\*\*\*

STAFF USE ONLY

Searcher: \_\_\_\_\_  
Searcher Phone: 2-\_\_\_\_\_  
Date Searcher Picked up: \_\_\_\_\_  
Date Completed: 2/15/05  
Searcher Prep/Rev. Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

Type of Search

NA Sequence: # \_\_\_\_\_  
AA Sequence: # \_\_\_\_\_  
Structure: # \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_

**This Page Blank (uspto)**

**This Page Blank (uspto)**

QY 101 HIGLYPROLYSGLYGLULYSGLYTYRPROGLIILEPROGLIULEGNILEALPHE 120  
 DB 411 CATGGCCCCAAGAGAGAGAGAGGCTACCCAGGGGTGCCACAGAACTGCATTTGCATTC 470  
 QY 121 MetLaserleuAATRH1aPheSerAangInaansergIylellePheSerSerVal 140  
 DB 471 ATGGCTTCTAGCAACTCCTTCAAGCAATCAGAAACAGTGCATTTATCTTCAGCAGTGT 530  
 QY 141 GluThrAenlleGIyaenPheAspValMetThrGIYargPheGIYAlaProValSer 160  
 DB 531 GAGACCAACATGGAAACTTCTTCATGTCAATGACTGGAGATTGGGGCCCCCGATCA 590  
 QY 161 GlyValTYRphePheThrPheSerMetLysHisGluAspValGluValTYRVal 180  
 DB 591 GGTGGATTTCTTCACTTCACTTCACTGATGAGATGAGAGCTGAGAGAGTGTATGTG 650  
 QY 181 TYRleuMetHisAangIYAsnThrValPheSerMetTYRserTYRGIUmetLysGIY 200  
 DB 651 TACCTTATGCAACAGGCAACACAGCTTCACTGATGAGCTATGAAACAAAGGGAAAA 710  
 QY 201 SerAspThrSerSerAasnHisAlaValleuLysleuAlaYsgIYAspGIUValTYRleu 220  
 DB 711 TCAGATACATCAGCAACACATGAGTGTGAAAGTTGGCCMAAGAGATGAAAGTGTGCTA 770  
 QY 221 ArgMetGIYAsnGIYAlaLeuHisGIYAspHisGIYArgPheSerThrPheAlaGIY 240  
 DB 771 AGAAATGGGCAACGGGTCCCTCCACAGGGAGCACAGGCTTCTTCACTTCCAGAGCTTT 830  
 QY 241 LeuLeuPheGIUThrLys 246  
 DB 831 CTGCTCTTTGAAACTAAG 848

RESULT 5  
 US-09-188-930-28 :  
 : Sequence 28, Application US/09188930A

: GENERAL INFORMATION:  
 : APPLICANT: Watson, James D.  
 : APPLICANT: Strachan, Lorna  
 : APPLICANT: Sleeman, Matthew  
 : APPLICANT: Onrust, Rene  
 : APPLICANT: Murison, James Greg  
 : TITLE OF INVENTION: Compositions Isolated From Skin Cells  
 : TITLE OF INVENTION: and Methods For Their Use  
 : FILE REFERENCE: 11000.1011c1  
 : CURRENT APPLICATION NUMBER: US/09/188,930A  
 : CURRENT FILING DATE: 1998-11-09  
 : NUMBER OF SEQ ID NOS: 348  
 : SOFTWARE: FastSeq for Windows Version 3.0  
 : SEQ ID NO 28  
 : LENGTH: 1123  
 : TYPE: DNA  
 : ORGANISM: Rat  
 : US-09-188-930-28

Alignment Scores:  
 Pred. No.: 1,41e-121 Length: 1123  
 Score: 1311.00 Matches: 236  
 Percent Similarity: 97.15% Conservative: 3  
 Best Local Similarity: 95.93% Mismatches: 7  
 Query Match: 95.90% Indels: 0  
 DB: 3 Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-28 (1-1123)

QY 1 MetLeuTPArgGlnLeuIleTYRTrpGlnLeuLeuAlaLeuPhePheLeuProPheCys 20  
 DB 180 ATGCTCAG 239  
 QY 21 LeuCysGlnAspGlnTYRMetGluSerProGlnThrGIYGIYLeuProAspCysSer 40  
 DB 240 CTGTGTCAAGATGATATCATGAGAGTCTCCACAGCTGAGAGAGAGAGAGAGAGAGAG 299

QY 41 LysCysGlnHisGIYAspTYRserPheArgGIYTYRGIUleGIYProProGIYProProGIY 60  
 DB 300 AAGGTGTGCATGAGAGATTTAGATTCGATGTTTACCAAGGGCCCCCTTGAGCCCCAGGT 359  
 QY 61 ProProGIYIleProGIYAsnHisGIYAsnAangIYAsnAangIYAlaThrGIYHisGIU 80  
 DB 360 CTTCTCGGCACTTCAGAGAAACCATGGAACAAATGAAATAGGAGACCACTGGCCACAGAA 419  
 QY 81 GlyAlaYsgIYGIUlysgIYAspTYRGIYAspLeuGIYProArgGIYGIUArgGIYGIU 100  
 DB 420 GGGGCCAAGGTAG 479  
 QY 101 HisGIYProLYSGLYGLULYSGLYTYRPROGLIILEPROGLIULEGNILEALPHE 120  
 DB 480 CATGGCCCCAAGAGATGAGAGAGATGCCAGGGGTGCACACAGCTGCAGATTGCGCTC 539  
 QY 121 MetLaserleuAATRH1aPheSerAangInaansergIylellePheSerSerVal 140  
 DB 540 ATGGCTTCTAGCAACTCCTTCAAGCAATCAGAAACAGTGCATTTATCTTCAGCAGTGT 599  
 QY 141 GluThrAenlleGIyaenPheAspValMetThrGIYargPheGIYAlaProValSer 160  
 DB 600 GAGACCAACATGGAAACTTCTTCAATGATGATGATGATGATGATGATGATGATGATG 659  
 QY 161 GlyValTYRphePheThrPheSerMetLysHisGluAspValGluValTYRVal 180  
 DB 660 GCGGTATTTCTTCACTTCACTGATGATGATGATGATGATGATGATGATGATGATG 719  
 QY 181 TYRleuMetHisAangIYAsnThrValPheSerMetTYRserTYRGIUmetLysGIY 200  
 DB 720 TACCTTATGCAACAGGCAACACAGCTTCACTGATGAGCTATGAAACAAAGGGAAAA 779  
 QY 201 SerAspThrSerSerAasnHisAlaValleuLysleuAlaYsgIYAspGIUValTYRleu 220  
 DB 780 TCAGATACATCAGCAACACATGAGTGTGAAAGTTGGCCMAAGAGATGAAAGTGTGCTA 839  
 QY 221 ArgMetGIYAsnGIYAlaLeuHisGIYAspHisGIYArgPheSerThrPheAlaGIY 240  
 DB 840 AGAAATGGGCAACGGGTCCCTCCACAGGGAGCACAGGCTTCTTCACTTCCAGAGCTTT 899  
 QY 241 LeuLeuPheGIUThrLys 246  
 DB 900 CTGCTCTTTGAAACTAAG 917

RESULT 6  
 US-09-188-930-203 :  
 : Sequence 203, Application US/09188930A

: GENERAL INFORMATION:  
 : APPLICANT: Watson, James D.  
 : APPLICANT: Strachan, Lorna  
 : APPLICANT: Sleeman, Matthew  
 : APPLICANT: Onrust, Rene  
 : APPLICANT: Murison, James Greg  
 : TITLE OF INVENTION: Compositions Isolated From Skin Cells  
 : TITLE OF INVENTION: and Methods For Their Use  
 : FILE REFERENCE: 11000.1011c1  
 : CURRENT APPLICATION NUMBER: US/09/188,930A  
 : CURRENT FILING DATE: 1998-11-09  
 : NUMBER OF SEQ ID NOS: 348  
 : SOFTWARE: FastSeq for Windows Version 3.0  
 : SEQ ID NO 203  
 : LENGTH: 1123  
 : TYPE: DNA  
 : ORGANISM: Rat  
 : US-09-188-930-203

Alignment Scores:  
 Pred. No.: 1,41e-121 Length: 1123  
 Score: 1311.00 Matches: 236  
 Percent Similarity: 97.15% Conservative: 3  
 Best Local Similarity: 95.93% Mismatches: 7  
 Query Match: 95.90% Indels: 0



DB: 3 Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-203 (1-1123)

QY 1 MetLeuTPaRgInLeuIeTyrTPGInLeuLeuAlaLeuPheLeuProPheCys 20

DB 180 ATGCTCAGAGGAGGAGCTGCTGCTGAGCACTGCTGCTTCTTCTCCATTTTGC 239

QY 21 LeuCySGInaSPGluTyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40

DB 240 CTGTGTCAAGATGATATCATGAGCTCCACAACTGAGAGACATGCCCCAGACTGCAGC 299

QY 41 LysCySGeSHISGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60

DB 300 AAGGTTGCTCAGATGAGATTAATGATTCCTGTTTACCAAGGCGCCCTGAGCCCCAGGT 359

QY 61 ProProGlyIleProGlyAsnHISGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHISGly 80

DB 360 CTTCTGCGCATTCAGAGAAACCATGAGAAATGAAATACGAGCCACTGCGCAGAA 419

QY 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGlyArgGlyGln 100

DB 420 GGGGCCAAGGGGTGAAGAGAGACAAAGCGACCTGGGGCTCGAGGGGAAAGGGGGCAG 479

QY 101 HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120

DB 480 CATGGCCCCAAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 539

QY 121 MetLaserLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140

DB 540 ATGGCTTCTTACGAGCTCACTTCAGCATGATGAGATGAGATGAGATGAGATGAGATG 599

QY 141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160

DB 600 GAGACCAACATTGGAACCTTCTGATGATGATGATGATGATGATGATGATGATGATG 659

QY 161 GlyValTyrPhePheThrPheSerMetMetLysHisGlyAspValGlyGlyAlaTyrVal 180

DB 660 GGGGTGATTTCTTCACTTCAGCATGATGAGATGAGATGAGATGAGATGAGATGAG 719

QY 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGlyMetLysGlyLys 200

DB 720 TACCTTATGACAAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 779

QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGlyValTyrLeu 220

DB 780 TCAATATCATTCAGAGCAACATGAGTGTGAGATGAGATGAGATGAGATGAGATGAG 839

QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240

DB 840 AGAATGGGCAACGGTGCCTCCATGGGGAGCACCAAGCGCTTCTTACCTTCGAGGCTTT 899

QY 241 LeuLeuPheGlyThrLys 246

DB 900 CTGCTTTTGAACCTAAG 917

RESULT 7

US-09-312-283C-28

Sequence 28, Application US/09312283C

Patent No. 6573095

GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Strachan, Lorna

APPLICANT: Sleeman, Matthew

APPLICANT: Onrust, Rene

APPLICANT: Murison, James G.

APPLICANT: Kumble, Krishanand D.

TITLE OF INVENTION: Compositions isolated from skin cells

TITLE OF INVENTION: and Methods for their use

FILE REFERENCE: 11000.1011c2

CURRENT APPLICATION NUMBER: US/09/312,283C

CURRENT FILING DATE: 1999-05-14

NUMBER OF SEQ ID NOS: 425

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 28

LENGTH: 1123

TYPE: DNA

ORGANISM: Mouse

US-09-312-283C-28

Alignment Scores:

Score:	1,41e-121	Length:	1123
Percent Similarity:	1311.00	Matches:	236
Best Local Similarity:	97.15%	Conservative:	3
Query Match:	95.93%	Mismatches:	7
	95.90%	Indels:	0
		Gaps:	0

US-10-036-041-2 (1-246) x US-09-312-283C-28 (1-1123)

QY 1 MetLeuTPaRgInLeuIeTyrTPGInLeuLeuAlaLeuPheLeuProPheCys 20

DB 180 ATGCTCAGAGGAGGAGCTGCTGCTGAGCACTGCTGCTTCTTCTCCATTTTGC 239

QY 21 LeuCySGInaSPGluTyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40

DB 240 CTGTGTCAAGATGATATCATGAGCTCCACAACTGAGAGACATGCCCCAGACTGCAGC 299

QY 41 LysCySGeSHISGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60

DB 300 AAGGTTGCTCAGATGAGATTAATGATTCCTGTTTACCAAGGCGCCCTGAGCCCCAGGT 359

QY 61 ProProGlyIleProGlyAsnHISGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHISGly 80

DB 360 CTTCTGCGCATTCAGAGAAACCATGAGAAATGAAATACGAGCCACTGCGCAGAA 419

QY 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGlyArgGlyGln 100

DB 420 GGGGCCAAGGGGTGAAGAGAGACAAAGCGACCTGGGGCTCGAGGGGAAAGGGGGCAG 479

QY 101 HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120

DB 480 CATGGCCCCAAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 539

QY 121 MetLaserLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140

DB 540 ATGGCTTCTTACGAGCTCACTTCAGCATGATGAGATGAGATGAGATGAGATGAGATG 599

QY 141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160

DB 600 GAGACCAACATTGGAACCTTCTGATGATGATGATGATGATGATGATGATGATGATG 659

QY 161 GlyValTyrPhePheThrPheSerMetMetLysHisGlyAspValGlyGlyAlaTyrVal 180

DB 660 GGGGTGATTTCTTCACTTCAGCATGATGAGATGAGATGAGATGAGATGAGATGAG 719

QY 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGlyMetLysGlyLys 200

DB 720 TACCTTATGACAAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 779

QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGlyValTyrLeu 220

DB 780 TCAATATCATTCAGAGCAACATGAGTGTGAGATGAGATGAGATGAGATGAGATGAG 839

QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240

DB 840 AGAATGGGCAACGGTGCCTCCATGGGGAGCACCAAGCGCTTCTTACCTTCGAGGCTTT 899

QY 241 LeuLeuPheGlyThrLys 246

DB 900 CTGCTTTTGAACCTAAG 917

RESULT 8

US-09-312-283C-203

Sequence 203, Application US/09312283C

Patent No. 6573095

*This Page Blank (uspto)*

```

Db      846 GGCAACGGTCCCTCCATGGGAGCAACAGCGCTTCTCACTTCGACAGCTTTCTGCTT 905
Qy      243 Pheglutrllys 246
Db      906 TTGAAACTAAG 917

RESULT 2
US-09-188-930-203
Sequence 203, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 203
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-203

Alignment Scores:
Pred. No.: 1,57e-75 Length: 1123
Score: 1214.00 Matches: 219
Percent Similarity: 98.21% Conservative: 1
Best Local Similarity: 97.77% Mismatches: 4
Query Match: 97.98% Indels: 0
Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-203 (1-1123)
Qy      23  GlnaapglutylrmecluserproglntnrglyglyleupproproaspCyserlyscys 42
Db      246  CAAGTATGATATGAGAGTCTCCACAGCTGAGAGCTGCCCCAGACCTGCGACAGATGT 305
Qy      43  CysHISGLYASPTYSERPhEATrGLYrGLINGLYProProGLYProProGLYProPro 62
Db      306  TCCCATGAGATTAATGATTCGCTGGTACCAAGGGCCCCCTGACCCCCAGATCCTCCT 365
Qy      63  GlylleProGLYAsnHISGLYAsnAsnGLYAsnAsnGLYAlaThrGLYHISGLYAla 82
Db      366  GGCATTCCAGAAACCATGAAACAAATGAAATACGAGGCCACTGGCCACAGAGGGGCC 425
Qy      83  LysGLYGLULYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAspLY 102
Db      426  AAGGTGAGAAAGAGACAAAGGCCACTGGGGCTCCAGAGGGGAGAGGGGGCAGATGGC 485
Qy      103  ProLYsGLYGLULYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAspLY 122
Db      486  CCCAAGATAGAGAGGATACCCAGGGGTGCCACAGAGCTGCAATGCTTCATGGCT 545
Qy      123  SerLeuAlaThrHISPhEserAsnGLYAsnAsnGLYAlaLeuPhEserSerValGln 142
Db      546  TCTCTAGCAGCTCACTTCGACATCGAATCGAAGAGTGGATATCTTCAGCAGTGTGAGCC 605
Qy      143  AsnILeGLYAsnPhEAspValMetThrGLYAspPheGLYAlaProValSerGLYAla 162
Db      606  AACATTGAAACTTCTTCATGATGATGATGATGATGATGATGATGATGATGATGAT 665
Qy      163  TyrPhePheThrPhEserMetCysHISGLYAspLYAspLYAspLYAspLYAspLY 182
Db      666  TATTTCTTCACTTCAGATGATGATGATGATGATGATGATGATGATGATGATGAT 725
Qy      183  MetHISAsnGLYAsnThrValPhEserMetTYrSerTYrGLYMetLYAspLYAsp 202

```

```

Db      726  ATGCACATGATGATACAGAGTGTTCAGCATGTATGATAACAAAGGAAATCAGAT 785
Qy      203  ThisSerAsnHISAlaValLeuLYAspLYAspLYAspLYAspLYAspLYAspLY 222
Db      786  ACATCCAGCAACCATGAGAGTGTGATGATGATGATGATGATGATGATGATGATG 845
Qy      223  GLYAsnGLYAlaLeuHISGLYAspLYAspLYAspLYAspLYAspLYAspLYAsp 242
Db      846  GGCAACGGTCCCTCCATGGGAGCAACAGCGCTTCTCACTTCGACAGCTTTCTGCTT 905
Qy      243  Pheglutrllys 246
Db      906 TTGAAACTAAG 917

RESULT 3
US-09-188-930-217
Sequence 217, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 217
; LENGTH: 1107
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-217

Alignment Scores:
Pred. No.: 3.07e-16 Length: 1107
Score: 311.50 Matches: 77
Percent Similarity: 43.64% Conservative: 43
Best Local Similarity: 28.00% Mismatches: 78
Query Match: 25.14% Indels: 77
Gaps: 10

US-10-036-041-2 (1-246) x US-09-188-930-217 (1-1107)
Qy      39  CysSerLYsCysCysHISGLYAsp-----TyrSerPhEATrGLYrGLIN 53
Db      198  TGTGCCCTTCCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 257
Qy      54  -----GlyProProGLYProProGLYProPro 62
Db      258  AAGGTGTCTCAACTAGTGTGCAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 317
Qy      63  GlylleProGLYAsnHISGLYAsnAsnGLYAsnAsnGLYAlaThrGLYHISGLYAla 82
Db      318  GAGACACAGAGATCTTCAGAGATGTGTGAAAGATGGGTTTCTCGTAAAGATGGCCAA 377
Qy      83  LysGLYGLULYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAsp 91
Db      378  GACGGCCAGAGAGACCCAGGGGACAGTGGAGAAAGGTCCACTGGGACAGACAGCC 437
Qy      92  -----LeuGLYProArg 95
Db      438  AACCGAAGAAACAAAGACCAAGAGGCAAGCTGGGCAATGGGAGAGCGGCTCTGCA 497
Qy      96  GlyLYAsp-----GlyGLNHisGLYPro 103
Db      498  GAGACCAAGGGGCTCACTGATGATGATGATGATGATGATGATGATGATGATGAT 557
Qy      104  LysGLYGLULYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAspLYAsp 116

```

**This Page Blank (uspto)**



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 24, 2005, 03:02:33 ; Search time 309 Seconds  
(without alignments)  
9065.714 Million cell updates/sec

Title: US-10-036-041-1

Perfect score: 1712  
Sequence: 1 ggcattcgcgcgagagacc.....ttgttaagataaaaaaaaa 1712

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Issued Patents NA: \*  
1: /cgn2\_6/prodata/1/ina/5A\_COMB.seq:\*  
2: /cgn2\_6/prodata/1/ina/5B\_COMB.seq:\*  
3: /cgn2\_6/prodata/1/ina/6A\_COMB.seq:\*  
4: /cgn2\_6/prodata/1/ina/6B\_COMB.seq:\*  
5: /cgn2\_6/prodata/1/ina/PCTUS\_COMB.seq:\*  
6: /cgn2\_6/prodata/1/ina/Backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1696	99.1	1696	US-09-552-225A-1	Sequence 1, Appl
2	1696	99.1	1696	US-10-012-605C-3	Sequence 3, Appl
3	696.2	40.7	1123	US-09-188-930-28	Sequence 28, Appl
4	696.2	40.7	1123	US-09-188-930-203	Sequence 203, Appl
5	696.2	40.7	1123	US-09-312-283C-28	Sequence 28, Appl
6	696.2	40.7	1123	US-09-312-283C-203	Sequence 203, Appl
7	695.8	40.6	1117	US-09-552-225A-11	Sequence 11, Appl
8	656	38.3	957	US-10-012-605C-1	Sequence 1, Appl
9	544.2	31.8	738	US-09-552-225A-10	Sequence 10, Appl
10	481	28.1	957	US-10-012-605C-7	Sequence 7, Appl
11	477.6	27.9	494	US-09-621-976-3120	Sequence 3120, Ap
12	452	26.4	471	US-09-513-999C-2872	Sequence 2872, Ap
13	168	9.8	436	US-10-012-605C-5	Sequence 5, Appl
14	78.8	4.6	3275	US-09-370-838-151	Sequence 151, App
15	78.8	4.6	3275	US-09-854-133-151	Sequence 151, App
16	74.6	4.4	1313	US-08-463-911-6	Sequence 6, Appl
17	74.6	4.4	4517	US-09-140-804-9	Sequence 9, Appl
18	74.6	4.4	4517	US-09-686-838B-9	Sequence 9, Appl
19	74.6	4.4	4517	US-09-776-976-5	Sequence 5, Appl
20	74.6	4.4	4517	US-09-909-547-5	Sequence 5, Appl
21	74.6	4.4	4545	US-09-569-852B-5	Sequence 5, Appl
22	72.8	4.3	1868	US-08-392-367B-1	Sequence 1, Appl
23	72.8	4.3	1868	US-08-893-467A-1	Sequence 1, Appl
24	70.4	4.1	1276	US-08-463-911-1	Sequence 1, Appl
25	70.4	4.1	1276	US-09-776-976-3	Sequence 3, Appl
26	70.4	4.1	1276	US-09-909-547-3	Sequence 3, Appl
27	69	4.0	855	US-09-552-204A-10	Sequence 10, Appl

28	68	4.0	1323	US-09-023-655-813	Sequence 813, App
29	68	4.0	1560	US-08-794-795-5	Sequence 5, Appl
30	68	4.0	1560	US-09-249-200-5	Sequence 5, Appl
31	66.6	3.9	2070	US-09-949-016-5405	Sequence 5405, Ap
32	66.4	3.9	1703	US-08-794-795-1	Sequence 1, Appl
33	66.4	3.9	1703	US-09-249-200-1	Sequence 1, Appl
34	65.6	3.8	1152	US-09-776-976-1	Sequence 1, Appl
35	65.6	3.8	1152	US-09-909-547-1	Sequence 1, Appl
36	63.8	3.7	1805	US-09-799-451-534	Sequence 534, App
37	63.8	3.7	1854	US-09-799-451-535	Sequence 535, App
38	63.6	3.7	729	US-09-140-804-10	Sequence 10, Appl
39	63.6	3.7	729	US-09-686-838B-10	Sequence 10, Appl
40	63.4	3.7	1161	US-09-552-204A-1	Sequence 1, Appl
41	61.8	3.6	750	US-09-188-930-19	Sequence 19, Appl
42	61.8	3.6	750	US-09-312-283C-19	Sequence 19, Appl
43	61.8	3.6	946	US-09-949-016-4746	Sequence 4746, Ap
44	61.8	3.6	997	US-09-800-729-14	Sequence 14, Appl
45	61.8	3.6	1052	US-09-312-283C-358	Sequence 358, App

#### ALIGNMENTS

```
RESULT 1
US-09-552-225A-1
Sequence 1, Application US/09552225A
Patent No. 6521233
GENERAL INFORMATION:
APPLICANT: Piddington, Christopher S.
APPLICANT: Bishop, Paul
TITLE OF INVENTION: ADIPOCTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
FILE REFERENCE: 99-09
CURRENT FILING DATE: 2000-04-19
PRIOR APPLICATION NUMBER: 60/130,199
PRIOR FILING DATE: 1998-04-20
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 1696
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (69)...(806)
US-09-552-225A-1

Query Match      99.1% Score 1696; DB 4; Length 1696;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

9 CCCGAGAGACACCGCTCCTGAGGCTGCTGCTCTTCAGGAGACTGTGAGGCTCTGT 68
1 CCCGAGAGACACCGCTCCTGAGGCTGCTGCTCTTCAGGAGACTGTGAGGCTCTGT 60
69 TAGAATCATGCTTTGGAGGAGCTCATCTATTGGCACTGCTGCTTTGTTTCTTC 128
1 TAGAATCATGCTTTGGAGGAGCTCATCTATTGGCACTGCTGCTTTGTTTCTTC 120
61 TAGAATCATGCTTTGGAGGAGCTCATCTATTGGCACTGCTGCTTTGTTTCTTC 120
129 CTTTTCCTGTGTCAAGTGAATACATGAGATCTCCCAACCGGAGGACTACCCCGAG 188
121 CTTTTCCTGTGTCAAGTGAATACATGAGATCTCCCAACCGGAGGACTACCCCGAG 180
189 ACTGAGTAAAGTGTTCATGAGAGCTACAGCTTTGAGGCTTACCAAGGCCCCCTGGGC 248
181 ACTGAGTAAAGTGTTCATGAGAGCTACAGCTTTGAGGCTTACCAAGGCCCCCTGGGC 240
249 CACCGGCGCTTCTGAGCATTCAGGAAACATGAAACATGAGCAATGAGGCTACTG 308
241 CACCGGCGCTTCTGAGCATTCAGGAAACATGAAACATGAGCAATGAGGCTACTG 300
309 GTCATGAAGAGACCAAGGTGAGAAAGGCGCAACAAAGGTGACCTGGGGCTTCGAGGGAGAC 368
```



```

Db      301 GTGATTAAGAGCAAGAGTGAAGAGGCGACAAAGGTACCTGGGGCTCCAGGGGAGC 360
Qy      369 GGGGGGAGATGGCCCCCAAGAGAGAGAGGGCTACCCGGGGATTCACAGAACTTCAGA 428
Db      361 GGGGGGAGATGGCCCCCAAGAGAGAGAGGGCTACCCGGGGATTCACAGAACTTCAGA 420
Qy      429 TTGCATTCATGGCTCTCTGGCAACCCACTTCAGCAATCAGAACATGGGATTAATCTTCA 488
Db      421 TTGCATTCATGGCTCTCTGGCAACCCACTTCAGCAATCAGAACATGGGATTAATCTTCA 480
Qy      489 GCAGTGTGAGACCAACATTTGGAACTTCTTGATGTCAATGATGGTAGATTGGGGCCC 548
Db      481 GCAGTGTGAGACCAACATTTGGAACTTCTTGATGTCAATGATGGTAGATTGGGGCCC 540
Qy      549 CAGTATCAGTGTGATTTCTTACCTTCAGCATGATGAGACAGAGAGATGTTGAGAG 608
Db      541 CAGTATCAGTGTGATTTCTTACCTTCAGCATGATGAGAGATGTTGAGAGAG 600
Qy      609 TGTATGTGACTTATGACCAATGGCAACAGCTCTTCAGCATGTAAGCTATGAATGA 668
Db      601 TGTATGTGACTTATGACCAATGGCAACAGCTCTTCAGCATGTAAGCTATGAATGA 660
Qy      669 AGGGCAATCAGATATCATCAGCAATCATGCTGTGAGAGCTAGGCAAGGGGATGAG 728
Db      661 AGGGCAATCAGATATCATCAGCAATCATGCTGTGAGAGCTAGGCAAGGGGATGAG 720
Qy      729 TTTGGCTGGCAATGGGCAATGGGCTCTCCATGGGGAGCAACACGCTTCTCCACCTT 788
Db      721 TTTGGCTGGCAATGGGCAATGGGCTCTCCATGGGGAGCAACACGCTTCTCCACCTT 780
Qy      789 CAGGATTTCTGCTCTTTGAACTAAGTAATATATGATGAAATAGCTTCCATTTGGGGA 848
Db      781 CAGGATTTCTGCTCTTTGAACTAAGTAATATATGATGAAATAGCTTCCATTTGGGGA 840
Qy      849 AGACTGTGAGTGAAGCTGATTTGTGACATCTGAGGAACCTTAAGTGAAGGTTTACA 908
Db      841 AGACTGTGAGTGAAGCTGATTTGTGACATCTGAGGAACCTTAAGTGAAGGTTTACA 900
Qy      909 TTGCTGTATTCAAAAAATATATGTTGTCAGATGTTGTTCACGCTACAGGTACACCAATAT 968
Db      901 TTGCTGTATTCAAAAAATATATGTTGTCAGATGTTGTTCACGCTACAGGTACACCAATAT 960
Qy      969 GTTGAACATTCAGGGGGCTCAGAGAAATCAACCAAAATAGTCTTCTCAGATGACCTTG 1028
Db      961 GTTGAACATTCAGGGGGCTCAGAGAAATCAACCAAAATAGTCTTCTCAGATGACCTTG 1020
Qy      1029 ACTAATATATCTAGCATCTTTTACCTCTTGGCACTTAAGATTAATCTCTCTC 1088
Db      1021 ACTAATATATCTAGCATCTTTTACCTCTTGGCACTTAAGATTAATCTCTCTC 1080
Qy      1089 GACGCGGTGGAAATATTTTCTTATCAGACAGAGTCAATTTGCCAAGATTTTGAATAC 1148
Db      1081 GACGCGGTGGAAATATTTTCTTATCAGACAGAGTCAATTTGCCAAGATTTTGAATAC 1140
Qy      1149 TCTGCTTTAATTTAATACAGTTTTCAGAACCCCTGAAGTTTAACTTAACTTAACTT 1208
Db      1141 TCTGCTTTAATTTAATACAGTTTTCAGAACCCCTGAAGTTTAACTTAACTTAACTT 1200
Qy      1209 TTTAATCTTGAAGAGATGAGATGTAGTATATGACAGGGCTGGGGCAAGAAAGGGGGA 1268
Db      1201 TTTAATCTTGAAGAGATGAGATGTAGTATATGACAGGGCTGGGGCAAGAAAGGGGGA 1260
Qy      1269 CTAGCTGCTTATTTAGCTAATTTAGTCCCTCGGTTCAGCTTAGCTTGAACCTTTTC 1328
Db      1261 CTAGCTGCTTATTTAGCTAATTTAGTCCCTCGGTTCAGCTTAGCTTGAACCTTTTC 1320
Qy      1329 CTTTGTATCCAAATAATATATTAATCTGATTTTCAATATCAATGCTATTTTAAAGTCA 1388
Db      1321 CTTTGTATCCAAATAATATATTAATCTGATTTTCAATATCAATGCTATTTTAAAGTCA 1380
Qy      1389 ATAGATTTTATGATTAAGTGTGACAGTAAATGTTGTTAATTTTGTATGTTCC 1448

```

```

Db      1381 ATAGATTTTATGCTATTAAGTGTGACAGATATGNTGTATTTTGTATGTTCCC 1440
Qy      1449 CCACATGCCCCCAACTTGGATGTGGGGTCAAGAGCTTGAAGTTTCACTTAACTAATG 1508
Db      1441 CCACATGCCCCCAACTTGGATGTGGGGTCAAGAGCTTGAAGTTTCACTTAACTAATG 1500
Qy      1509 TCATATAATCTCATAGAGTACAGTGCAGCAATGATTAATCAATGTTGATGTGACAG 1568
Db      1501 TCATATAATCTCATAGAGTACAGTGCAGCAATGATTAATCAATGTTGATGTGACAG 1560
Qy      1569 AGGGATTTTATATCTGAAGACATACATTTAATTAATACCTTAGAGAAAGATTTTGA 1628
Db      1561 AGGGATTTTATATCTGAAGACATACATTTAATTAATACCTTAGAGAAAGATTTTGA 1620
Qy      1629 CTGGCTTTAGATTAATACTGTGCAGAAATAATGTAAATGCAATATATGAAATTAAC 1688
Db      1621 CTGGCTTTAGATTAATACTGTGCAGAAATAATGTAAATGCAATATATGAAATTAAC 1680
Qy      1689 ACCTTGTTAAGATA 1704
Db      1681 ACCTTGTTAAGATA 1696

RESULT 3
US-09-188-930-28
; Sequence 28, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Omrue, Rene
; APPLICANT: Marison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
; US-09-188-930-28

Query Match      40.7%; Score 696.2; DB 3; Length 1123;
Best local Similarity 82.8%; Pred. No. 4,4e-201;
Matches 819; Conservative 0; Mismatches 168; Indels 2; Gaps 2;

```

QY	333	AGAAAGGAGCTACCCGGGGAAATTCACAGAACTTCAGATTGCAATCANNGGCTTCTCTGGGAA	452
Db	436	AGAAAGGATACCCAGGGGTGCCACAGAGCTGCAGATTGGCTTACCTGCTTCTCAGGCA	555
QY	453	CCCACTTCAGCAATCAGAAACAGTGGGATTAATCTTCAGCAGATGTTGAGACCAACATTGGAA	512
Db	556	CTCAGCTTCAGCAATCAGAAACAGTGGCAATTAATCTTCAGCAGATGTTGAGACCAACATTGGAA	615
QY	513	ACTTCCTTGATGTCAATGACTGGTAGATTGGGGGCCCCAGTATCAGATGTGATTTCTTCA	572
Db	616	ACTTCCTTGATGTCAATGACTGGTAGATTGGGGGCCCCGATATCAGAGCTGTATTTCTTCA	675
QY	573	CCTTCAGCATGATGAAGCATGAGATGTTGAGAAAGTGTATGTACTTATGCACAATG	632
Db	676	CCTTCAGCATGATGAAGCATGAGACGTGAGGAAGTGTATGTACTTATGCACAATG	735
QY	633	GCAACACAGTCTTCAGCAATGTATCAGCTATGAAATGAAGGGCAAAACAGATATCAGACCA	692
Db	736	GTAACACGGTGTTCAGCAATGTATCAGCTATGAAACAAAGGAAATCAATATCAGACCA	795
QY	693	ATCATGCTGTGTGTAAGCTAGCCAAAGGGAGTAGAGTTTGCTGGAAATGGGCAATGGCG	752
Db	796	ACCATGCAAGTGTGAAGTTGGCCAAAGGAGATGAAGTCTGGCTAAGAAATGGGCAACGGTG	855
QY	753	CTCTCCATAGGGGACCAACAGGCTTCTCCACCTTTGCAGAGATTTCTGCTCTTTGAACTA	812
Db	856	CCCTTCATAGGGGACCAACAGGCTTCTCTACCTTTCGACAGGCTTTTGCTTTTGAACCTA	915
QY	813	AGTAAATATATGACTAGATGAATAGCTCCACTTTGGGGAGAACCTGTAGCTGAGCT-GATTGG	871
Db	916	AGTATGATGAGAAATGACGATAGCTCCATGCTAAAGGCGCAATTTGTAGTGTAGCTAGGGTTG	975
QY	872	TTAGCATGTGAGGAACATTAAAGTTGAGGGTTTTCATTGCTGTATTCAAAAATTAATG	931
Db	976	TTAGGATCTGAGGGGTGTGTGGAGTTG-GGCTTCTGTATGAGATTAATTACTGTTAACATTG	1034
QY	932	GTTGCATATGTTGTTGACGCTACAGGTACAGCAACCAATATGTGGACAAATCAGGGGCTCAGA	991
Db	1035	GTCACACTGCTACTCATTTCTTAATGGCATACCAATATATGTTGGATACCTTTAGGGGCTAGCA	1094
QY	992	AGATCAACCCACAAATATGCTTCTCAGA	1020
Db	1095	AGAAATGACCAACAAAGTAATATTTCCAGA	1123
RESULT 4			
US-09-188-930-203			
Sequence 203: Application US/09188930A			
Patent No. 6150502			
GENERAL INFORMATION:			
APPLICANT: Watson, James D.			
APPLICANT: Strachan, Lorna			
APPLICANT: Sleeman, Matthew			
APPLICANT: Onrust, Rene			
APPLICANT: Murison, James Greg			
TITLE OF INVENTION: Compositions Isolated From Skin Cells			
FILE REFERENCE: 11000.1011c1			
CURRENT APPLICATION NUMBER: US/09/188,930A			
CURRENT FILING DATE: 1998-11-09			
NUMBER OF SEQ ID NOS: 348			
SOFTWARE: PatsSeq for Windows Version 3.0			
SEQ ID NO 203			
LENGTH: 1123			
TYPE: DNA			
ORGANISM: Rat			
US-09-188-930-203			

OY	33	CTCCGCTGCTCTTCCAGGGAACCTGTGAGGCTCTGTGAAATCATGCTTTGGAGGACGC	92
Db	136	CCCATCAGCTTCCCGGGGAAGATTCTGCCGATTTGTCAAGCAATGCTCAGAGGACGC	195
OY	93	TCATCTATTGCGCAACTGCTGGCTTTGTTTTCTCTCCCTTTTTCCTGTGTCAAGATGAT	152
Db	196	TCGTCTGTGGCACTGCTGGCTTTGCTTTCTCTCCCATTTTGTGCTGTGTCAAGATGAT	255
OY	153	ACATGGAATCTCCCAACACCGGAGACTACCCCGCAATGCAAGTAAGTTGTCAATGAG	212
Db	256	ACATGGAATCTCCCAACAGCTGAGGACTGCCCCCAAGCTGCAAGAGTTGGCCATGAG	315
OY	213	ACTACAGCTTTCAGAGGCTACCAAGGCCCTCCCTGGGCGCAACGGGACCTCTGTGCAATTCAG	272
Db	316	ATTATGATTCCTGTGTGTTACCAAGGGCCCCCTGAGCCCCCAAGTCTCTGTGCAATTCAG	375
OY	273	GAACCATGAGAAACATATGGCAACATGAGCCACTGTGTCATGAAGAGCCAAAGGTGAGA	332
Db	376	GAACCATGAGAAACATATGAATAATACGAGGCCACTGGGCCAAGAAAGGGCCAAAGGTGAGA	435
OY	333	AGGGCGAANAAGTGAACCTGGGGCTCTCAAGGGAGCGGGGGCAGCATGGCCCCAAAGAG	392
Db	436	AAGAGACAAAGGCGACCTGGGGCTCTCAAGGGGAAACGGGGCAGCATGGCCCCAAAGAT	495
OY	393	AGAAAGGCTACCGGGGATTCACACAGAACTTCAGATTCATTCAGTCTCTGCGCA	452
Db	496	AGAAAGGATACCCAGGGGTGCCACAGAGCTGCAAGATTGCGTCAATGGCTTCTACAGCA	555
OY	453	CCCATCTCAGCAATCAGAAACAGTGGGATTTATCTTCAGCAGTGTGAGACCAACATTTGAA	512
Db	556	CTCATCTCAGCAATCAGAAACAGTGGCATTTATCTTCAGCAGTGTGAGACCAACATTTGAA	615
OY	513	ACTCTTTGATGATGATGATGATGATTTGGGGGCCGATACAGAGTGTGATTTCTTCA	572
Db	616	ACTCTTTGATGATGATGATGATGATTTGGGGGCCGATACAGAGTGTGATTTCTTCA	675
OY	573	CCCTTCAGCATGATGAGATGAGATGTTTGAAGAGTGTATGTACTTATGCAAAATG	632
Db	676	CCTTCAGCATGATGAGATGAGATGAGATGTTTGAAGAGTGTATGTACTTATGCAAAATG	735
OY	633	GCACACAGCTTTCAGCATGTTACAGCTATGTAAATGAAGAGGCAATCAGATACATCAGCA	692
Db	736	GTAACACCGTGTTCAGCATGTTACAGCTATGTAAACAAAGGAAATCAGATACATCAGCA	795
OY	693	ATCATGCTGCTGAAGCTATGACCAAGGGGATGAGTGTGCTGCGATGAGAGGCAATGCG	752
Db	796	ACCATGCACTGTGAAGTTGGCCAAAGGAGATGAAGTGTGCTGAAGATGGCAACGGTG	855
OY	753	CTCTTCATGGGAGCACCAACGCTTCTTCACACTTTTGACAGATTTCTGCTCTTTGAAGTA	812
Db	856	CCCTTCATGGGAGCACCAACGCGCTTCTTCTACTCTTCAGAGGCTTGTGCTTTTGAAGTA	915
OY	813	AGTAATAATATGACTAGATAGCTTCCACTTTGGGAGAGACTTGTAGCTGAGCT-GATTTG	871
Db	916	AGTATGATGGAAGTACAGATAGCTCCATGCTACAGGCGCAATTTGTATGAGTACAGGTTG	975
OY	872	TTAGAGTGTGAGAACTTAAGTTGAGGGTTTACATGCTGTATTCAAAATAATTTATG	931
Db	976	TTAGAGTGTGAGGGGTGTGAGAGTTG-GGCTTCTCTATGAGATATTTAACTGTTCATTTG	1034
OY	932	GTTGCAATGTTGTTCAACGCTACAGGTACACCAATATATGTTGACAAATTCAGGGGCTCAGA	991
Db	1035	GTCACACTGTACTCATTTCTAATGGCAATCAATATATGTTGATACCTTAAAGGGCTAAGA	1094
OY	992	AGATCAACCAAAATATGCTTCTCAGA1020	
Db	1095	AGAAATAGCCAAAGTAAATATTTCCAGA1123	

Query Match	40.7%	Score 696.2;	DB 3;	Length 1123;
Best Local Similarity	82.8%	Pred. No. 4.4e-201;		
Matches 819;	Conservative 0;	Mismatches 168;	Indels 2;	Gaps 2

RESULT 5  
US-09-312-283C-28  
; Sequence 28, Application US/09312283C  
; Patent No. 6573095

```
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Strachan, Lorna
/ APPLICANT: Sleeman, Matthew
/ APPLICANT: Murison, Rene
/ APPLICANT: Murison, James G.
/ APPLICANT: Kumble, Krishnand D.
/ TITLE OF INVENTION: Compositions Isolated from Skin Cells
/ FILE REFERENCE: 11000.1011c2
/ CURRENT FILING DATE: 1999-05-14
/ NUMBER OF SEQ ID NOS: 425
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 28
/ LENGTH: 1123
/ TYPE: DNA
/ ORGANISM: Mouse
US-09-312-283C-28
```

```
Query Match      40.7%; Score 696.2; DB 4; Length 1123;
Best Local Similarity 82.8%; Pred. No. 4,4e-201;
Matches 819; Conservative 0; Mismatches 168; Indels 2; Gaps 2;

QY 33 CTCTGCTGCTTCTCAGGAGACTCTGAGGCTCTGTGAAATCATGCTTTGGACGAGC 92
DB 136 CCATAGCTTCCCGGGAGATTCTGCGATTGTACAGCCATGCTCAGAGGAGC 195
QY 93 TCATCTATTGGCACTGCTGGCTTTGTTTCTCCCTTTTGCCTGTGCTCAAGATGAAT 152
DB 196 TCGTCTGGTGACCTGCTGGCTTTGTTTCTCCATTTTGTCTGTGCAAGATGAAT 255
QY 153 ACATGAGTCTCCACAAACCGAGAGACTACCCCAAGCTGCACTGATGTTGTCTATGAG 212
DB 256 ACATGAGTCTCCACAAAGCTGAGAGACTGCCCCAGACTGCAAGATGTTGTCTATGAG 315
QY 213 ACTACGCTTTGAGGCTACCAAGGCCCCCTGGGCGACCGGGCCCTCTCGGATTCAG 272
DB 316 ATTATGATTCCTGTGTACCAAGGCCCCCTGAGACCCCTGAGTCTCTCGGATTCAG 375
QY 273 GAAACCATGGAACCAATGGAACATGAGCCACTGCTGATGAGAGCAAAAGTGAGA 332
DB 376 GAAACCATGGAACCAATGGAACATGAGCCACTGCTGATGAGAGCAAAAGTGAGA 435
QY 333 AGGCGCAAAAGGTGACTTGGGCTCTGAGGGAGCGGGGCGACATGGCCCCAAAGAG 392
DB 436 AAGGAGACAAAGGCGACTTGGGCTCTGAGGGAGCGGGGCGACATGGCCCCAAAGAG 495
QY 393 AGAAGGCTAACCCGGGGATTCCACAGAACTTGAGATTGATTCATGAGCTTCTGCA 452
DB 496 AGAAGGATTAACCCAGGGGTGCCACAGAGCTGCAAGTTGGTTCTATGAGCTTCTG 555
QY 453 CCCACTTCAGCAATCAGAACAGTGGGATTATCTTCAGCAGTGTGAGACCAACATGGAA 512
DB 556 CTCACCTTCAGCAATCAGAACAGTGGGATTATCTTCAGCAGTGTGAGACCAACATGG 615
QY 513 ACTTCTTTGATGTGATGACTGTAGATTGGGGCCCCCAGATATCAGGTGTGATTCTTCA 572
DB 616 ACTTCTTTGATGTGATGACTGTAGATTGGGGCCCCCAGATATCAGGTGTGATTCTTCA 675
QY 573 CCTTCAGCATGAGAGCATGAGATCTTGAAGAGTATGTGTACTTATGACCAATG 632
DB 676 CCTTCAGCATGAGAGCATGAGATCTTGAAGAGTATGTGTACTTATGACCAATG 735
QY 633 GCAACACAGTCTTCAGCATGAGATGATGAAATGAGGCAATCAGATACATCCAGCA 692
DB 736 GCAACACAGTCTTCAGCATGAGATGATGAAATGAGGCAATCAGATACATCCAGCA 795
QY 693 ATATGCTGTGCTGAAGCTAGCCAAAGGGGATGAGGTTGGCTGCGAATGGGCAATGG 752
DB 796 ACCATCAGAGCTGAAGTGTGGCCAAAGGAGATGAGTGTGCTTAAGATGGGCAACGG 855
QY 753 CTCCTCATGGGAGCAACAAAGCTTCTCCACTTTGAGAGATTCTGCTCTTTGAAACTA 812
```

```
DB 856 CCTTCATGGGAGCAACAGGCTTCTTACTTCTGAGGCTTCTGCTTTGAAACTA 915
QY 813 AGTAATATATATGATGAAATAGCTCCACTTTGGGAGAGCTTGTAGCTGAGCT-GATTGG 871
DB 916 AGTATGAGGAGAGTCAAGATAGCTCATGCTTAAGGGCGATTGTAGTGTAGGGTTG 975
QY 872 TTACGATCTGAGGAAACATTAAAGTTGAGGTTTATCATTTGCTGTATTCAAAAATTTG 931
DB 976 TTAGGATCTGAGGGGTTGAGATTG-GGCTTCTTAAGAGATTAATTAATGTTAATG 1034
QY 932 GTTGCATGTTGTTTCAAGCTACAGGTACCAATATGTTGACATTCAGGGGCTCAGA 991
DB 1035 GTACACTGCTACTCTTCTTATGCAATACCAATTAATGTTGATCTTTAGGGGCTAAGA 1094
QY 992 AGAATCAACCAAAATAGCTTCTCAGA 1020
DB 1095 AGAATGACCAAGGTAAATATCCAGA 1123
```

```
RESULT 6
US-09-312-283C-203
/ Sequence 203, Application US/09312283C
/ Patent No. 6573095
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Strachan, Lorna
/ APPLICANT: Sleeman, Matthew
/ APPLICANT: Murison, Rene
/ APPLICANT: Murison, James G.
/ APPLICANT: Kumble, Krishnand D.
/ TITLE OF INVENTION: Compositions Isolated from Skin Cells
/ FILE REFERENCE: 11000.1011c2
/ CURRENT FILING DATE: 1999-05-14
/ NUMBER OF SEQ ID NOS: 425
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 203
/ LENGTH: 1123
/ TYPE: DNA
/ ORGANISM: Mouse
US-09-312-283C-203
```

```
Query Match      40.7%; Score 696.2; DB 4; Length 1123;
Best Local Similarity 82.8%; Pred. No. 4,4e-201;
Matches 819; Conservative 0; Mismatches 168; Indels 2; Gaps 2;

QY 33 CTCTGCTGCTTCTCAGGAGACTCTGAGGCTCTGTGAAATCATGCTTTGGACGAGC 92
DB 136 CCATAGCTTCCCGGGAGATTCTGCGATTGTACAGCCATGCTCAGAGGAGC 195
QY 93 TCATCTATTGGCACTGCTGGCTTTGTTTCTCCCTTTTGCCTGTGCTCAAGATGAAT 152
DB 196 TCGTCTGGTGACCTGCTGGCTTTGTTTCTCCATTTTGTCTGTGTCAAGATGAAT 255
QY 153 ACATGAGTCTCCACAAACCGAGAGACTACCCCAAGCTGCACTGATGTTGTCTATGAG 212
DB 256 ACATGAGTCTCCACAAAGCTGAGAGACTGCCCCAGACTGCAAGATGTTGTCTATGAG 315
QY 213 ACTACGCTTTGAGGCTACCAAGGCCCCCTGGGCGACCGGGCCCTCTCGGATTCAG 272
DB 316 ATTATGATTCCTGTGTACCAAGGCCCCCTGAGACCCCAAGTCTCTCTGGGATTCAG 375
QY 273 GAAACCATGGAACCAATGGAACATGAGCCACTGCTGATGAGAGCAAAAGTGAGA 332
DB 376 GAAACCATGGAACCAATGGAACATGAGCCACTGCTGATGAGAGCAAAAGTGAGA 435
QY 333 AGGCGCAAAAGGTGACTTGGGCTCTGAGGGAGCGGGGCGACATGGCCCCAAAGAG 392
DB 436 AAGGAGACAAAGGCGACTTGGGCTCTGAGGGAGCGGGGCGACATGGCCCCAAAGAG 495
QY 393 AGAAGGCTAACCCGGGGATTCCACAGAACTTGAGATTGATTCATGAGGCTTCTGCA 452
```

```

Db      496 AGAAGGATACCCAGGGGGTGCACACAGAGCTGCAGATTGCGTTCAATGGCTTCTAGCGA 555
Qy      453 CCCACTTCAGCAATAGAAACAGTGGGATTATCTTACAGAGCTGTGAGACCAATCTGAA 512
Db      556 CTCACCTTCAGCAATAGAAACAGTGGGATTATCTTACAGAGCTGTGAGACCAATCTGAA 615
Qy      513 ACTTCTTGATGTCATGACTGTGTAGATTGTTGGGGCCCCAGTATCAGGTGTGTATTTCTTCA 572
Db      616 ACTTCTTGATGTCATGACTGTGTAGATTGTTGGGGCCCCAGTATCAGGTGTGTATTTCTTCA 675
Qy      573 CTTTACAGCATGATGAAAGCATGAGATGTTGAGAAAGTGTATGTATCTTATGCAATG 632
Db      676 CTTTACAGCATGATGAAAGCATGAGATGTTGAGAAAGTGTATGTATCTTATGCAATG 735
Qy      633 GCACACAGCTCTTCAGCATGTAAGCTATGAAATGAAAGGCAAAATCAGATACATCCAGCA 692
Db      736 GTTAAACGGGTGTTACAGCATGTACAGCTATGAAACAAAGGAAATCAGATACATCCAGCA 795
Qy      693 ATCATGCTGTGCTGAAGCTAGCCAAAGGGATGAGGTTTGCTGCGAATGGGCAATGGCG 752
Db      796 ACCATGAGTGTCTGAAGTTGGCCAAAGGATGAGTCTGGCTAAGAAATGGGCAACGGTG 855
Qy      753 CTCTCCATGGGACCAACCAAGCTTCTCAGCTTTGACAGGATTCCTGCTCTTTGAACTA 812
Db      856 CCTCCATGGGACCAACCAAGCTTCTCAGCTTTGACAGGATTCCTGCTCTTTGAACTA 915
Qy      813 AGTAATATATGATAGAAATAGCTCCACTTTGGGGAAAGCTGTGAGCTAGCT -GATTTG 871
Db      916 AGTGTAGAGAAAGTCAAGATAGCTCAATGCTAAAGGCGAATTTGTAGGTAGCTAGGGTTG 975
Qy      872 TTACAGATGAGAAACATTAAAGTTGAGGGTTTTCATTCGTGTATTCAAAAATTAATG 931
Db      976 TTAGATCTGAAGGGGTTGTTGAGTTG -GGCTTCTGTATGAGATTAATTAATCTTTACATTG 1034
Qy      932 GTTGAATGTTTTCACGCTTACAGGTACACCAATATGTTGACAAATTCAGGGGCTCAGA 991
Db      1035 GTCAACAGCTACTACTATCTTAATGCAATACCAATTAATGTTGATATCTTTAGGGGCTAGGA 1094
Qy      992 AGAATCAACCAAAATAGTCTTCTCAGA 1020
Db      1095 AGAATGACCAAGGTATTAATTTCCAGA 1123

RESULT 7
US-09-552-225A-11
; Sequence 11, Application US/09552225A
; Patent No. 6521233
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/09/552,225A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 1117
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (111)...(848)
; US-09-552-225A-11

Query Match      40.6%; Score 695.8; DB 4; Length 1117;
Best Local Similarity 85.5%; Pred. No. 5.8e-201;
Matches 786; Conservative 0; Mismatches 132; Indels 1; Gaps 1;
Qy      72 GAATCATGCTTTGAGGAGCTCATCTATTTGCAACTGCTGCTTTGTTTCTCCCTT 131

```

```

Db      106 GAGCAGCTCTGAGGAGGAGCGCATCTGTGGCACCTGCTGCTTTGCTTTCCCTCAT 165
Qy      132 TTGGCTGTGTCAAGATGAATATCATGAGTCTCCACAAACCGAGAGATTACCCAGACT 191
Db      166 TTGGCTGTGTCAAGATGAATATCATGAGTCTCCACAAACCGAGAGACTGCCCCAGACT 225
Qy      192 GCAGTAAGTGTGTTCATGAGACTACAGCTTTTCAGAGCTACCAAGGCCCTCGGGAC 251
Db      226 GCAGTAAGTGTGTTCATGAGACTATTAATGATTTTCGTGTTCACAGGGGCCCTCGGACCTC 285
Qy      252 CGGGCTCTCTGGCATTTCCAGGAAACATGSAACATGSCAACATGAGCCATGCTC 311
Db      286 CAGGTCTCTGGCATTTCCAGGAAACATGSAACATGAGCCATGAGCTACCTGACC 345
Qy      312 ATGAAGAGCCAAAGGTGAGAAAGGCGCAAAAGGTGACTGAGGGGCTGAGGGGAGCGG 371
Db      346 ATGAAGGGGCCAAAGGTGAGAAAGGAGCAAAAGGCTACAGGCTTACAGGAGAGAGCGG 405
Qy      372 GGCAGCATGGCCCCAAAGAGAGAGAGGCTACCCGGGATTTCCACAGAACTTCAGATTG 431
Db      406 GGCAGCATGGCCCCAAAGAGAGAGAGGCTACCCAGGGGTGCAACAGACTGCAAGATTG 465
Qy      432 CATTATGCTTTCTCTGGCAACCACTTCAGCAATCAGAAAGTGGGATTATCTTCAGCA 491
Db      466 CATTATGCTTTCTCTAGCAACTCATTACAGCAATCAGAAAGTGGGCTTATCTTCAGCA 525
Qy      492 GTGTGAGACCAACATGSAACCTTTGATGTGATGATGATGATTTGGGGGCGCCAG 551
Db      526 GTGTGAGACCAACATGSAACCTTTGATGTGATGATGATGATTTGGGGGCGCCG 585
Qy      552 TATCAGGTGTATTTCTTCACTTCAGCATGATGAGACATGAGAGTGTGAGAAAGTGT 611
Db      586 TATCAGGTGTATTTCTTCACTTCAGCATGATGAGACATGAGAGTGTGAGAAAGTGT 645
Qy      612 ATGTGTACTTATGACCAATGSCAACACAGTCTTCAGATGTACAGCTATGAAATGAAG 671
Db      646 ATGTGTACTTATGACCAACGSCAACACAGTCTTCAGATGTACAGCTATGAAATGAAG 705
Qy      672 GCAATTCAGATACATCCAGCAATCATGCTGTGAGAACTGAGCCAAAGGGATGAGTGT 731
Db      706 GAAATTCAGATACATCCAGCAACATGCAAGTGTGAAATTTGACCAAGAGATGAAAGTCT 765
Qy      732 GGCCTGCAATGGGCAATGGCGCTCTCATGGGAGCAACCAAGCTTCTTCCACTTTGGAG 791
Db      766 GGCCTGCAATGGGCAAGCGTGCCTCCACGGGAGCAACCAAGCTTCTTCCACTTTGGAG 825
Qy      792 GATTCCTGCTCTTTGAAACTGAATATATATGACTAGATAGCTTCCACTTTGGGAAAGA 851
Db      826 GCTTCTGCTCTTTGAAACTGAATATATATGACTAGATAGCTTCCACTTTGGGAGGCA 885
Qy      852 CTGTAGAGTGAAGCT -GATTTGTTACATCGATGAGAACTTAAGTTGAGGGTTTACATT 910
Db      886 TTATAGCTGAGAGTGTGTGTAGATGAGAGATGTGAAGTGGGGGTTCTTTATG 945
Qy      911 GCTGTATCAAAAATTTATGTTGCAATGTTGTTCACAGCTACAGGTACACCAATATAGT 970
Db      946 GAGCATTTAATGTTGATGTGTACACTGTACTCATTTTAATGAGCATACCAATATAGT 1005
Qy      971 TGACATTCAGGGGCTCA 989
Db      1006 TGATGCTTCAGGGGCTCA 1024

RESULT 8
US-10-012-605C-1
; Sequence 1, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN

```

```

: TITLE OF INVENTION: ZACRP3X2
: FILE REFERENCE: 00-111
: CURRENT APPLICATION NUMBER: US/10/012,605C
: CURRENT FILING DATE: 2002-08-14
: PRIOR APPLICATION NUMBER: US 60/254,019
: PRIOR FILING DATE: 2000-12-07
: NUMBER OF SEQ ID NOS: 23
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1
: LENGTH: 957
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (1)...(957)
US-10-012-605C-1

```

Query Match	38.3%;	Score 656;	DB 4;	Length 957;
Best Local Similarity	100.0%;	Pred. No. 6.8e-189;		
Matches 656;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY	159	AGTCCTCCAAACCCGAGAGTACCCCCAGACTGCAGTGAAGTGTCTCATGTGAGACTAA	218
Db	302	AGTCCTCCAAACCCGAGAGTACCCCCAGACTGCAGTGAAGTGTCTCATGTGAGACTAA	361
QY	219	GCTTTGAGGCTTACCAAGGCCCTCTGGGCGACACGGGGCTCTCTGGCATTTCCAGAAACC	278
Db	362	GCTTTGAGGCTTACCAAGGCCCTCTGGGCGACACGGGGCTCTCTGGCATTTCCAGAAACC	421
QY	279	ATGGAAACAATGGGCAACAATGGAGCCATGGTCAATGAAGAAGCAAAAGTGAGAAAGGGG	338
Db	422	ATGGAAACAATGGGCAACAATGGAGCCATGGTCAATGAAGAAGCAAAAGTGAGAAAGGGG	481
QY	339	ACAAAGTGACCTCGGGGCTTCGAGGGGAGCCGGGGGAGCATGGCCCCCAAGAGAGAAAG	398
Db	482	ACAAAGTGACCTCGGGGCTTCGAGGGGAGCCGGGGGAGCATGGCCCCCAAGAGAGAAAG	541
QY	399	GCTACCCGGGGAATTCACACGAACCTTCAGATTGCATTCATGGCTTCTCTGGCAACCCACT	458
Db	542	GCTACCCGGGGAATTCACACGAACCTTCAGATTGCATTCATGGCTTCTCTGGCAACCCACT	601
QY	459	TCAGCAATCAGAACAGTGGGATTTATCTTCAGCAGATGTGAGACCAACTTGGAACTTCTC	518
Db	602	TCAGCAATCAGAACAGTGGGATTTATCTTCAGCAGATGTGAGACCAACTTGGAACTTCTC	661
QY	519	TTGATGTGATGACTGTGATGATTTGGGGCCCCAGATACAGGTGTGATTTCTTCACCTTCA	578
Db	662	TTGATGTGATGACTGTGATGATTTGGGGCCCCAGATACAGGTGTGATTTCTTCACCTTCA	721
QY	579	GCATGATGAAGCATGAGATGTTTGAGAGAAAGTGTATGTGACTTATATGCACAAATGGCAACA	638
Db	722	GCATGATGAAGCATGAGATGTTTGAGAGAAAGTGTATGTGACTTATATGCACAAATGGCAACA	781
QY	639	CAGTTCAGACATGATACGCTATGAAATGAAGGGCAAAATCAGATATACGACGAATCATG	698
Db	782	CAGTTCAGACATGATACGCTATGAAATGAAGGGCAAAATCAGATATACGACGAATCATG	841
QY	699	CTGTGCTGAAGCTTACCAAGGGGATGAGGTTTGGCTGGCAATGGGCAATGGCGCTCTCC	758
Db	842	CTGTGCTGAAGCTTACCAAGGGGATGAGGTTTGGCTGGCAATGGGCAATGGCGCTCTCC	901
QY	759	ATGGGAGACCAACAAGCTTCTCAACTCTTTCAGAGATTTCTGCTCTTTGAAACTTAAG	814
Db	902	ATGGGAGACCAACAAGCTTCTCAACTCTTTCAGAGATTTCTGCTCTTTGAAACTTAAG	957

RESULT9  
US-09-552-225A-10  
; Sequence 10, Application US/09552225A  
; Patent No. 6521233  
; GENERAL INFORMATION:  
; APPLICANT: Piddington, Christopher S  
; APPLICANT: Bishop, Paul

```

1  TITLE O INVENTION: ADIPOCTE-SPECIFIC PROTEIN HOMOLOG ZACBP3
2  FILE REFERENCE: 99-09
3  CURRENT APPLICATION NUMBER: US/09/552,225A
4  CURRENT FILING DATE: 2000-04-19
5  PRIOR APPLICATION NUMBER: 60/130,199
6  PRIOR FILING DATE: 1999-04-20
7  NUMBER OF SEQ ID NOS: 20
8  SOFTWARE: FastSeq for Windows Version 3.0
9  SEQ ID NO 10
10 LENGTH: 738
11 TYPE: DNA
12 ORGANISM: Artificial Sequence
13 FEATURE:
14 OTHER INFORMATION: Degenerate nucleotide sequence encoding thea
15 OTHER INFORMATION: polypeptide of SEQ ID NO:2
16 NAME/KEY: variation
17 LOCATION: (1)..(738)
18 OTHER INFORMATION: Each N is independently any nucleotide
19 US-09-552-225A-10

```

Query Match	31.8%;	Score 544.2;	DB 4;	length 738;
Best Local Similarity	60.7%;	Pred. NO. 6.3e-155;		
Matches 448;	Conservative 165;	Mismatches 125;	Indels 0;	Gaps 0;

OY		77	ATGCTTGGAGGCGACGTCACTATTGGCAACTCGTGCTTTGTTTCCTCCCTTTTGC	136
Db		1	ATGTYNTGNGMNCARYYTNATHHTAATGSGCARVTNTNGNTNTTYYYTNMCMTTTYGY	60
OY		137	CTGTGTCAAGATGAATAATCATGGAAGTCTTCACAAACCGAGAAGTAACCCAGACTCAGT	196
Db		61	YTNYGTCARGAYGARITYATGGAASMSCNCCAR.CNNGNNGANTNNCCNCGAATYGWSN	120
OY		197	AAGTGTGTCAATGAGACTACAGGCTTTCGAGGCTACCAGAGGCCCTCCCTGGGCAACCGGCG	256
Db		121	AARTGTGTGYCAYGNGAYTAYWSTTTTMMGNNGNTAYCARGNC.NCNCNGKCN.CNCGN	180
OY		257	CCTCCTGGCATTTCCAGAAAACATGGAACAATGGCAA.CAATGSAAGCCA.TGTGTCATGA	316
Db		181	CCNC.CNCGNMATH.CNCGNNAAYCAVGGNAAYAA.YGNAAYAA.YGGAGCA.NCNGNCAVGAR	240
OY		317	GGAGCCAAAGGTGAGAAAGGGCGCA.CAAAAGTACCTGGGGGCTTCGAGGGGAGCGGGGGCAG	376
Db		241	GGNC.CNNAARRGNGAP.AAARRGNGAYLAARRGNGAYTTNGNCCNMGGNGAM.MGNCNAR	300
OY		377	CATGGCCCCAAAGSAGAGAGAGGCTACCCGGGATTC.CACAGAAC.TTCAGATTGCA.TTC	436
Db		301	CAYGNC.CNNAARRGNGAP.AAARRGNTAY.CNCGNMATH.CN.CNCGARYTCAAT.HGCMNTY	360
OY		437	ATGCTCTCTCGGCAACCCACTTAGCAATCAGAAACAGTGGGATTA.TCTTAGCAGTGT	496
Db		361	ATGG.CMNSNTYNG.NACNCAATTYTWSNAACYARA.YMSNGNATHAHTTYTWSMSNSTN	420
OY		497	GAGACCAACATTGGAAACTTCTTTGANGTCATGACTGGTAGATTGGGGCCCCAGTACA	556
Db		421	GARC.NAAYATHHGMAAYTTTTYTGAGTNA.TGACN.GNMNTTYYGGNGC.NCNGT.MSN	480
OY		557	GGTGTGTAATTTCTCA.CCTTCAGCATGATGAAGCATGATGGATGTTTGAGAAAGTGTATGTG	616
Db		481	GGNTJNTA.YTTTTYACNTTYASNATGATGAR.CAVGAR.RGVYTNMGARGAGTIYA.YTN	540
OY		617	TACCTTATGCAATGAGCAACAGCAGTCTTCGACATGTACAGACTPAGAAATAAGGGCAAA	676
Db		541	TA.YTTNATGCAIYAYGNAAYACNGITNTTYSNA.TGTA.YMSNTIAYGARATGAARRANAR	600
OY		677	TCAGATACATTCAGACCAATCATGCTGTGCTGAGCTAGCG.CAAAGGGAGTGA.GTTTGGCTG	736
Db		601	WSNA.YACMNSMWNAA.YCA.VGCMGTMYTNABRYTNG.NCANRGGNGA.GAAGTIVG.TTN	660
OY		737	CGAATGGGCATATGSCGCTCTCATGAGGGACCA.CAACGCTTCCCA.CTTTGGACAGATTC	796
Db		661	MGNATGGGNAAYGNGCNYTNCA.VGNGAYTCA.YARB.MNTTYSNACNTTYTGCN.GNTTY	720
OY		797	CTGCTCTTTGAACCTAAG	814

```

Db              : ||| ||| ||| ||| :
721 YTNVNTTTCARACNAR 738

RESULT 10
US-10-012-605C-7
; Sequence 7, Application US/10012605C
; Patent No. 6692748
GENERAL INFORMATION:
APPLICANT: Haldeman, Betty A.
APPLICANT: Thayer, Edward C.
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
FILE REFERENCE: 00-111
CURRENT APPLICATION NUMBER: US/10/012,605C
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 957
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Degenerate polynucleotide sequence encoding a
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(957)
; OTHER INFORMATION: n = A, T, C or G
; US-10-012-605C-7

```

[illegible]

```

Oy      699  CTGTGTGTAAGCTACCAAGGCGATGTAGCTTTGGCTGCCAATGGGCAATGGCGCTCTCC 758
        |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      842  CNGTNTYNTNARYTNGCNARGGNGVYGARGTNTGGTYTNGATGGGNAAYGGNGCNTTNC 901

Oy      759  ATGGGACCAACCAAGCTTCTCACCTTGTGAGGATCTCTGCTCTTGGAAACTAAG 814
        |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      902  ATGGNACAYACARARGNTTYSNACNTTYGCGNGNTTYTNTYTTTGARACNAR 957

RESULT 11
US-09-621-976-3120
: Sequence 3120, Application US/09621976
: Patent No. 6639063
: GENERAL INFORMATION:
: APPLICANT: Dumas Milne Edwards, J.B.
: APPLICANT: Jobert, S.
: APPLICANT: Giordano, J.Y.
: TITLE OR INVENTION: ESTs and Encoded Human Proteins.
: FILE REFERENCE: GENSET.054PR2
: CURRENT APPLICATION NUMBER: US/09/621,976
: NUMBER OF SEQ ID NOS: 2000-07-21
: SOFTWARE: Patent.pm
: SEQ ID NO 3120
: LENGTH: 494
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 98..466
: NAME/KEY: misc_feature
: LOCATION: 461
: OTHER INFORMATION: n=a, g, c or t
US-09-621-976-3120

```

Query Match	27.9%	Score 477.6	DB 4	Length 494
Best Local Similarity	99.2%	Pred. No. 9.2e-135		
Matches 486	Conservative 2	Mismatches 1	Indels 1	Gaps 1
Qy	341	AAAGCGA	CTTGCGGCTCTGAGGAGGCGGCGGCGAGCATGCCCCCAAGAGGAGGAGGCG	400
Db	2	AAAGCGA	CTTGCGGCTCTGAGGAGGCGGCGGCGAGCATGCCCCCAAGAGGAGGAGGCG	61
Qy	401	TACCGGGG	ATTCCACGAACTTCAGATTGATTCATGCTTCCTTGCGCAACCACTTC	460
Db	62	TACCGGGG	ATTCCACGAACTTCAGATTGATTCATGCTTCCTTGCGCAACCACTTC	124
Qy	461	AGCAATCAGA	CAGTGGGATTATCTTCGACAGTGTGAGACCAATTGGAACTCTTT	520
Db	122	AGCAATCAGA	CAGTGGGATTATCTTCGACAGTGTGAGACCAATTGGAACTCTTT	181
Qy	521	GATGTCATAC	TGGTATGTTGGGGCCCCAGATCAGGTGATTCCTTCACCTCAGC	580
Db	182	GATGTCATAC	TGGTATGTTGGGGCCCCAGATCAGGTGATTCCTTCACCTCAGC	241
Qy	581	ATGATGAACAT	GAGGATGTTGAGGAAGTGTATGTATCTTATGACCAATGGCAACACA	640
Db	242	ATGATGAACAT	GAGGATGTTGAGGAAGTGTATGTATCTTATGACCAATGGCAACACA	301
Qy	641	GTCTTCAGCAT	GTACAGTCTAATAATGAAGGCCAATCAGATACATCCAGCATCATGCT	700
Db	302	GTCTTCAGCAT	GTACAGTCTAATAATGAAGGCCAATCAGATACATCCAGCATCATGCT	361
Qy	701	GTGCTAACCT	TGCGCAAGGGGATAGAGTTGGCTGGCGAATGGGCATGGGCTCTGCAT	760
Db	362	GTGCTAACCT	TGCGCAAGGGGATAGAGTTGGCTGGCGAATGGGCAATGGGCTCTGCAT	421
Qy	761	GGGGACCA	CCAAAGCTTCTCCACTTTGACAGATTCTCG-CTCTTTGAACTAAGTAAT	819
Db	422	GGGGACCA	CCAAAGCTTCTCCACTTTGACAGATTCTCG-CTCTTTGAACTAAGTAAT	481
Qy	820	ATATGACT	AGAA 831	



Db 482 ATATGACTAGCA 493

## RESULT 12

US-09-513-999C-2872  
; Sequence 2872; Application US/09513999C  
; Patent No. 6783961  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Duclercq, A.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
; Patent No. 6783961  
; FILE REFERENCE: 59.US2.REG  
; CURRENT APPLICATION NUMBER: US/09/513,999C  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/122,487  
; PRIOR FILING DATE: 1999-02-26  
; NUMBER OF SEQ ID NOS: 36681  
; SOFTWARE: Patent.pm  
; SEQ ID NO 2872  
; LENGTH: 471  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 158..469  
; FEATURE:  
; NAME/KEY: midc\_feature  
; LOCATION: 461  
; OTHER INFORMATION: m=a or c  
; FEATURE:  
; NAME/KEY: UNSURE  
; LOCATION: 102  
; OTHER INFORMATION: Xaa=His or Asn  
US-09-513-999C-2872

Query Match 26.4%; Score 452; DB 4; Length 471;  
Best Local Similarity 99.6%; Pred. No. 5.6e-127;  
Matches 452; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 GGGATTCGCCCGAGGAGACCAAGCTCTGAGAGTCTGCTGCTTCTTCAGAGGAACTCTGA 60  
DB 12 GGCATCTGCCCGAGGAGACCAAGCTCTGAGAGTCTGCTGCTTCTTCAGAGGAACTCTGA 71  
QY 61 GGGTCTGTGAAGATCATGCTTTGAGAGGAGCTCATCTATTTGCAACTGCTGCTTTGTT 120  
DB 72 GGCCTCTGTGAAGATCATGCTTTGAGAGGAGCTCATCTATTTGCAACTGCTGCTTTGTT 131  
QY 121 TTTCTCTCCCTTTTGGCTGTGTAAGATGATGATGATGATGATGATGATGATGATGATGAT 180  
DB 132 TTTCTCTCCCTTTTGGCTGTGTAAGATGATGATGATGATGATGATGATGATGATGATGAT 191  
QY 181 ACCCCCAAGTGAAGTGTGTGATGAGACTACAGTTTTCAGAGGCTACCAAGGCC 240  
DB 192 ACCCCCAAGTGAAGTGTGTGATGAGACTACAGTTTTCAGAGGCTACCAAGGCC 251  
QY 241 CCTGGGGCCACCGGGCCCTCTGAGCAATTCAGAGAAACATGAGAAACATGAGCAATGAG 300  
DB 252 CCTGGGGCCACCGGGCCCTCTGAGCAATTCAGAGAAACATGAGAAACATGAGCAATGAG 311  
QY 301 AGCCACTGTGTCATGAAGAGCCAAAGGTGAGAAAGGCGCAGCAAAAGGTGACCTGGGGCCTCG 360  
DB 312 AGCCACTGTGTCATGAAGAGCCAAAGGTGAGAAAGGCGCAGCAAAAGGTGACCTGGGGCCTCG 371  
QY 361 AGGGAGCGGGGCGGACATGAGCCCAAGAGAGAGAGGGGTACCCGGGGATTCCACAGAG 420  
DB 372 AGGGAGCGGGGCGGACATGAGCCCAAGAGAGAGAGGGGTACCCGGGGATTCCACAGAG 431  
QY 421 ACTTCAGATTGATTCATGAGCTTCTCTGCGAAC 454  
DB 432 ACTTCAGATTGATTCATGAGCTTCTCTGCGAAC 465

## RESULT 13

US-10-012-605C-5  
; Sequence 5; Application US/10012605C  
; Patent No. 6692748  
; GENERAL INFORMATION:  
; APPLICANT: Haldean, Betty A.  
; APPLICANT: Thayer, Edward C.  
; APPLICANT: Sheppard, Paul O.  
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN  
; TITLE OF INVENTION: ZACR3X2  
; FILE REFERENCE: 00-111  
; CURRENT APPLICATION NUMBER: US/10/012,605C  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: US 60/254,019  
; PRIOR FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 436  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)...(436)  
US-10-012-605C-5

Query Match 9.8%; Score 168; DB 4; Length 436;  
Best Local Similarity 100.0%; Pred. No. 1.6e-40;  
Matches 168; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 159 AGTCTCCACAAACCGGAGACTACCCCGAGCTGAGTGAAGTGTGTCTAGAGACTTACA 218  
DB 269 AGTCTCCACAAACCGGAGACTACCCCGAGCTGAGTGAAGTGTGTCTAGAGACTTACA 328  
QY 219 GCTTTGAGGCTTACCAAGGCCCCCTGGGCGCACCGGCCCCCTCTGTCATTTCCAGAAACC 278  
DB 329 GCTTTGAGGCTTACCAAGGCCCCCTGGGCGCACCGGCCCCCTCTGTCATTTCCAGAAACC 388  
QY 279 ATGGAACAATGGCAACATGAGGCGACTGTGATGAGAGCCAAAG 326  
DB 389 ATGGAACAATGGCAACATGAGGCGACTGTGATGAGAGCCAAAG 436

## RESULT 14

US-09-370-838-151  
; Sequence 151; Application US/09370838  
; Patent No. 6444425  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Mohamath, Radoh  
; APPLICANT: Secrist, Heather  
; TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS OF  
; TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE  
; FILE REFERENCE: 210121.475C1  
; CURRENT APPLICATION NUMBER: US/09/370,838  
; CURRENT FILING DATE: 1999-08-09  
; EARLIER APPLICATION NUMBER: US 09/285,323  
; EARLIER FILING DATE: 1999-04-02  
; NUMBER OF SEQ ID NOS: 289  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 151  
; LENGTH: 3275  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-09-370-838-151

Query Match 4.6%; Score 78.8; DB 3; Length 3275;  
Best Local Similarity 52.4%; Pred. No. 8.8e-13;  
Matches 173; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

Qy	479	TTTATCTCAGACGGTGTGACACCAACTTTGGAAA	CTTTGGATGTCATCACTGTGAGA	538
Dd	2445	ATTGTTGTTGATCTTCTTCGACAACTTGGAGAA	CTTTTGATCTTCACCTTGGTGA	2504
Qy	539	TTTGGGGCCCCGATACAGTGTGTATTTCTTCA	CTTTCAGCATGATGAACATGAGAT	598
Dd	2505	TTTATATTCGCCAGTGAATGGCACTTACCTTTT	CAATTTTTCATAGTCTTAAACTGGCAGTG	2564
Qy	599	GTTGAGGAAGTATGTGTACTTATGACATGGCA	CACAGTTCAGATGTACAGC	658
Dd	2555	AATGTGCCACTGTATGTCACTTCACTGAAGAT	GAAAGGTCTTGTATCAAGCTTATGCC	2624
Qy	659	TATGAAATGAAGGGCAATCAGATTCACGATTC	ATGCTGTGTCTGAAGCTTAGCCAA	718
Dd	2625	AATGATGTGTCTCCAGACCATGAACTCTAGCA	TATGCAATTTCTTCACCTCTTCCAG	2684
Qy	719	GGGATGAGTGTGGCTGCGATGGGCAATGGCG	CTCCATGGGGACACCAACAGCTTC	778
Dd	2665	GGAGGCCAGATATGTTACGTCTGACACGGGG	AGCAATTATGAAAGTACGTGAAATAT	2744
Qy	779	TTCACTTTGCAGATCTCTGCTCTTGA		808
Dd	2745	TTTACGTTTTCAGGCTATCTTATATCA		2774

```
Db      2745 TCTACGTTTTCAGGCATCTTCTTAACA 2774
```

Search completed: February 24, 2005, 08:01:56  
Job time : 316 secs

```

RESULT 15
, Sequence 151, Application US/09854133
, Patent No. 6759508
, GENERAL INFORMATION:
, APPLICANT: Lodes, Michael J.
, APPLICANT: Mohamath, Radoch
, APPLICANT: Henderson, Robert A.
, APPLICANT: Benson, Darin R.
, APPLICANT: Secrist, Heather
, TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
, FILE REFERENCE: 210121.475C10
, CURRENT APPLICATION NUMBER: US/09/854.133
, CURRENT FILING DATE: 2001-05-11
, NUMBER OF SEQ ID NOS: 735
, SOFTWARE: FastSeq for Windows Version 3.0
, SEQ ID NO 151
, LENGTH: 3275
, TYPE: DNA
, ORGANISM: Homo sapien
US-09-854-133-151

```

Query Match	4.6%	Score 78.8;	DB 4;	Length 3275;
Best Local Similarity	52.4%;	Pred. No. 8.8e-13;		
Matches 173;	Conservative 0;	Mismatches 157;	Indels 0;	Gaps 0;

Qy	479	TTTATCTTCAGCAGTGTGAGACCAACATTTGGAAACTCTTGATATGTCATACAGCTGTAGA	538
Db	2445	ATTGTGTTGATCTTCTCTGAACTAGAGAACTTTTGATCTTCACCTTGTAGA	2504
Qy	539	TTTGGGGCCCGATACGATCAGTGTGTATTTCTTCACCTTCAGCATGATGAAACATAGAGAT	598
Db	2505	TTTAAATGCCAGTAAATGGCACTTACGTTTTCATTTTTCATGCTTAAAGCTGGCAGTG	2564
Qy	599	GTTGAGGAAGGTATGTGTACTTATATGCACAATGGCAACACAGTCTTACGATGTACAGC	658
Db	2565	AATGGCCACTGTATGTCACTTACCTTATGAAGATGAAAGGTCCTTGTGATTCAGCCTTATGCC	2624
Qy	659	TATGAAATGAAGGGCAATTCAGATCACTCCAGCATCATGCTGTGCTGAAAGCTAAGCCAA	718
Db	2625	AATGATGTGTCTCCAGACCATGAATCTGTAGCAATATGCAATTTCTTCACTCTTCCAG	2684
Qy	719	GGGATGAGTGTGTGGCTCGCAATGGGCAATGGCGCTCTTCATGGGGAACCAACAGCTTC	778
Db	2685	GGAGGCCGATATGTGTACGTCTGCACAGGGGAGCAATTTATGGAAGTAGCTGGAAATAT	2744
Qy	779	TCGACCTTTGGCAGATTCCTGCTCTTTTGA	808

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 24, 2005, 07:11:58 ; Search time 999 Seconds  
(without alignments)  
10128.899 Million cell updates/sec

Title: US-10-036-041-1

Perfect score: 1712

Sequence: 1 ggcacatgcccgagagagacc.....ttgttaagataaaaaaa 1712

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 5364158 seqs, 2955248155 residues

Total number of hits satisfying chosen parameters: 10768316

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications NA.\*

1: /cgn2\_6/ptodata/2/pubna/US07\_PUBCOMB.seq.\*  
2: /cgn2\_6/ptodata/2/pubna/PCT\_NEW\_PUB.seq.\*  
3: /cgn2\_6/ptodata/2/pubna/US06\_NEW\_PUB.seq.\*  
4: /cgn2\_6/ptodata/2/pubna/US06\_PUBCOMB.seq.\*  
5: /cgn2\_6/ptodata/2/pubna/US07\_NEW\_PUB.seq.\*  
6: /cgn2\_6/ptodata/2/pubna/PCTUS\_PUBCOMB.seq.\*  
7: /cgn2\_6/ptodata/2/pubna/US08\_NEW\_PUB.seq.\*  
8: /cgn2\_6/ptodata/2/pubna/US08\_PUBCOMB.seq.\*  
9: /cgn2\_6/ptodata/2/pubna/US09\_PUBCOMB.seq.\*  
10: /cgn2\_6/ptodata/2/pubna/US09B\_PUBCOMB.seq.\*  
11: /cgn2\_6/ptodata/2/pubna/US09C\_PUBCOMB.seq.\*  
12: /cgn2\_6/ptodata/2/pubna/US09\_NEW\_PUB.seq.\*  
13: /cgn2\_6/ptodata/2/pubna/US10A\_PUBCOMB.seq.\*  
14: /cgn2\_6/ptodata/2/pubna/US10B\_PUBCOMB.seq.\*  
15: /cgn2\_6/ptodata/2/pubna/US10C\_PUBCOMB.seq.\*  
16: /cgn2\_6/ptodata/2/pubna/US10D\_PUBCOMB.seq.\*  
17: /cgn2\_6/ptodata/2/pubna/US10F\_PUBCOMB.seq.\*  
18: /cgn2\_6/ptodata/2/pubna/US10F\_PUBCOMB.seq.\*  
19: /cgn2\_6/ptodata/2/pubna/US10F\_PUBCOMB.seq.\*  
20: /cgn2\_6/ptodata/2/pubna/US11\_NEW\_PUB.seq.\*  
21: /cgn2\_6/ptodata/2/pubna/US60\_NEW\_PUB.seq.\*  
22: /cgn2\_6/ptodata/2/pubna/US60\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	1712	100.0	1712	10	US-09-931-836-1
2	1712	100.0	1712	13	US-10-036-342-1
3	1712	100.0	1712	13	US-10-036-041-1
4	1712	100.0	1712	14	US-10-035-855-1
5	1712	100.0	1712	14	US-10-036-214-1
6	1712	100.0	1712	14	US-10-035-718-1
7	1712	100.0	1712	14	US-10-036-160-1
8	1712	100.0	1712	14	US-10-035-958-1
9	1712	100.0	1712	14	US-10-036-150-1
10	1712	100.0	1712	14	US-10-036-063-1
11	1712	100.0	1712	15	US-10-035-977-1

12	1712	100.0	1712	18	US-10-884-091-1	Sequence 1, Appli
13	1686	99.1	1696	15	US-10-012-605C-3	Sequence 3, Appli
14	1686	99.1	1696	16	US-10-321-164-1	Sequence 1, Appli
15	1696	99.1	1696	17	US-10-719-205-3	Sequence 3, Appli
16	1549.6	90.5	1620	14	US-10-091-458-21	Sequence 21, Appli
17	1549.6	90.5	1620	17	US-10-191-254-21	Sequence 21, Appli
18	1530.2	89.4	1627	10	US-09-918-624B-9	Sequence 9, Appli
19	1527	89.2	1927	17	US-10-169-385-59	Sequence 59, Appli
20	1363.2	79.6	1608	9	US-09-822-845A-359	Sequence 359, App
21	1138.2	66.5	1468	18	US-10-490-318-37	Sequence 37, Appli
22	838.4	49.0	842	17	US-10-236-392-67	Sequence 67, Appli
23	801	46.8	801	17	US-10-172-118-2619	Sequence 2619, Ap
24	801	46.8	801	17	US-10-342-887-2619	Sequence 2619, Ap
25	741	43.3	741	17	US-10-332-947-10	Sequence 10, Appli
26	696.2	40.7	1035	10	US-09-866-050A-424	Sequence 424, App
27	696.2	40.7	1035	14	US-10-152-661-424	Sequence 424, App
28	696.2	40.7	1123	10	US-09-866-050A-28	Sequence 28, Appli
29	696.2	40.7	1123	10	US-09-866-050A-203	Sequence 203, App
30	696.2	40.7	1123	14	US-10-152-661-28	Sequence 28, Appli
31	696.2	40.7	1123	14	US-10-152-661-203	Sequence 203, App
32	695.8	40.6	1117	16	US-10-321-164-11	Sequence 11, Appli
33	682	39.8	755	17	US-10-236-392-65	Sequence 65, Appli
34	659	38.5	960	17	US-10-332-947-9	Sequence 9, Appli
35	656	38.3	957	15	US-10-012-605C-1	Sequence 1, Appli
36	656	38.3	957	17	US-10-719-205-1	Sequence 1, Appli
37	544.2	31.8	738	16	US-10-321-164-10	Sequence 10, Appli
38	488	28.5	500	17	US-10-242-535A-51929	Sequence 51929, A
39	488	28.5	500	17	US-10-085-783A-51929	Sequence 51929, A
40	481	28.1	957	15	US-10-012-605C-7	Sequence 7, Appli
41	481	28.1	957	17	US-10-719-205-7	Sequence 7, Appli
42	449	26.2	500	17	US-10-242-535A-47237	Sequence 47237, A
43	449	26.2	500	17	US-10-085-783A-47237	Sequence 47237, A
44	445	26.0	468	17	US-10-242-535A-44279	Sequence 44279, A
45	445	26.0	468	17	US-10-085-783A-44279	Sequence 44279, A

## ALIGNMENTS

RESULT 1  
US-09-931-836-1  
; Sequence 1, Application US/09931836  
; Publication No. US20030027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3030R1C1  
; CURRENT FILING DATE: 2001-08-16  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/112514  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113300  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113430  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/114140  
; PRIOR FILING DATE: 1998-12-23

PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264

PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-08-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO: 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-09-931-836-1

Query Match 100.0%; Score 1712; DB 10; Length 1712;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCACTGCCCCGAGAGACACAGCTCCTGAGACTGTGCTGCTTCTCAGGAGACTCTGA 60  
DB 1 GGCACTGCCCGAGAGACACAGCTCCTGAGACTGTGCTGCTTCTCAGGAGACTCTGA 60  
QY 61 GACTCTGTGAATCATGCTTTGGAGGACACTATCTATTGGCACTGCTGCTTTGTT 120  
DB 61 GACTCTGTGAATCATGCTTTGGAGGACACTATCTATTGGCACTGCTGCTTTGTT 120  
QY 121 TTTCTCCTTTTGGCTGTGTCAAGATGATATGAGTCTCCACAAACCGAGGACT 180  
DB 121 TTTCTCCTTTTGGCTGTGTCAAGATGATATGAGTCTCCACAAACCGAGGACT 180  
QY 181 ACCCCAGACTGCAAGTAGTGTGTCACTGAGACTACAGCTTTGAGGCTACCAAGGCC 240  
DB 181 ACCCCAGACTGCAAGTAGTGTGTCACTGAGACTACAGCTTTGAGGCTACCAAGGCC 240  
QY 241 CCTGGGCGACCGGCGCCTCTGTGCATTCCAGAAACCATGGAACATGGCAATGG 300  
DB 241 CCTGGGCGACCGGCGCCTCTGTGCATTCCAGAAACCATGGAACATGGCAATGG 300  
QY 301 AGCCACTGTGATGAAGAGCCAAAGTGAGAAAGGCGCAAAAGTGACTGGGGCCTCG 360  
DB 301 AGCCACTGTGATGAAGAGCCAAAGTGAGAAAGGCGCAAAAGTGACTGGGGCCTCG 360  
QY 361 AGGGAGGGGGGAGAGTAGGCCCCAAAGAGAGAGAGGGCTAACCGGGGATTTCCACG 420  
DB 361 AGGGAGGGGGGAGAGTAGGCCCCAAAGAGAGAGAGGGCTAACCGGGGATTTCCACG 420  
QY 421 ACTTCAGTTGATTCATGAGCTTCTGTGGCAACCCACTTCAGCAATCGAAGCAAGTGGAT 480  
DB 421 ACTTCAGTTGATTCATGAGCTTCTGTGGCAACCCACTTCAGCAATCGAAGCAAGTGGAT 480  
QY 481 TATCTTCAGAGTGTGAGCAACATTGGAACCTTTTGATGTCACTGAGCTGAGATT 540  
DB 481 TATCTTCAGAGTGTGAGCAACATTGGAACCTTTTGATGTCACTGAGCTGAGATT 540  
QY 541 TGGGGCCCCAGTATCAGGTGTGATTTCTTCACTTCAGATGAGTGAAGCATGAGATGT 600  
DB 541 TGGGGCCCCAGTATCAGGTGTGATTTCTTCACTTCAGATGAGTGAAGCATGAGATGT 600  
QY 601 TGAGGAAGTGTATGTGATCTTATGACATGCAATGCAACAGCTTTCAGCATGTACGCTA 660  
DB 601 TGAGGAAGTGTATGTGATCTTATGACATGCAATGCAACAGCTTTCAGCATGTACGCTA 660

661 TGAATGAAAGGCAATGATACATCCAGCATATGCTGCTGAGACTTACCAAGG 720  
 661 TGAATGAAAGGCAATGATACATCCAGCATATGCTGCTGAGACTTACCAAGG 720  
 721 GGATGAGGTTGGCTGCGAATGGGCAATGGGCTCCCATGGGGGCAACCAAGGCTTCC 780  
 721 GGATGAGGTTGGCTGCGAATGGGCAATGGGCTCCCATGGGGGCAACCAAGGCTTCC 780  
 781 CACCTTTCAGAGATTCCTGCTCTTGAACCTAAGTAATATATGATAGATAGCTCCAC 840  
 781 CACCTTTCAGAGATTCCTGCTCTTGAACCTAAGTAATATATGATAGATAGCTCCAC 840  
 841 TTTGGGGAAGACTTTAGCTGAGCTGATTTGTTAGATTTGAGAACATTAAGTTGAG 900  
 841 TTTGGGGAAGACTTTAGCTGAGCTGATTTGTTAGATTTGAGAACATTAAGTTGAG 900  
 901 GTTTTACATGCTGATTCACAAAATATATGTTGGCAATGTTGTCAGCTACAGGTACA 960  
 901 GTTTTACATGCTGATTCACAAAATATATGTTGGCAATGTTGTCAGCTACAGGTACA 960  
 961 CCAATTAATGTTGCAATTCAGGGGCTCAGAAATCAACCAAAATAGTCTTCTACA 1020  
 961 CCAATTAATGTTGCAATTCAGGGGCTCAGAAATCAACCAAAATAGTCTTCTACA 1020  
 1021 TGACCTTGACTATATATCTCAGACTTTATATCTCTTCTGGGCACTTAAGATAT 1080  
 1021 TGACCTTGACTATATATCTCAGACTTTATATCTCTTCTGGGCACTTAAGATAT 1080  
 1081 TCTCTGAGGCAAGTTGGAATTTTTTCTATCAGAGATCATTTGAAAGAAAT 1140  
 1081 TCTCTGAGGCAAGTTGGAATTTTTTCTATCAGAGATCATTTGAAAGAAAT 1140  
 1141 TTGACTACTGCTCTTATTAATTAATACAGTTTTCAGAAACCCCTGAATTTAAGTTCA 1200  
 1141 TTGACTACTGCTCTTATTAATTAATTAATACAGTTTTCAGAAACCCCTGAATTTAAGTTCA 1200  
 1201 TTATCTTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTTTGT 1260  
 1201 TTATCTTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTTTGT 1260  
 1261 CAGGGGCACTGAGCTGCTTATAGCTAATTTAGTCCCTGCTGCTGCTGCTGCTGCT 1320  
 1261 CAGGGGCACTGAGCTGCTTATAGCTAATTTAGTCCCTGCTGCTGCTGCTGCTGCT 1320  
 1321 ACCCTTCTCTTGTGATCCAGAAATATCAATTAATTAATTAATTAATTAATTAATTT 1380  
 1321 ACCCTTCTCTTGTGATCCAGAAATATCAATTAATTAATTAATTAATTAATTT 1380  
 1381 TAAAGTCAATAGATTTAGCTATTAATTAATTAATTAATTAATTAATTAATTTTGT 1440  
 1381 TAAAGTCAATAGATTTAGCTATTAATTAATTAATTAATTAATTAATTTTGT 1440  
 1441 ATGTTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
 1441 ATGTTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
 1501 AACCAATGCTAATTAATCTCATAGAGTACAGTGCATTAATTAATTAATTAATTTG 1560  
 1501 AACCAATGCTAATTAATCTCATAGAGTACAGTGCATTAATTAATTAATTTG 1560  
 1561 TTGACCAAGGAGATTTATATCTGAAGAACATTAATTAATTAATTAATTAATTTG 1620  
 1561 TTGACCAAGGAGATTTATATCTGAAGAACATTAATTAATTAATTAATTTG 1620  
 1621 ATTTGACCTGCTTGAATTAATCTGAGCAAGAAATTAATTAATTAATTAATTTG 1680  
 1621 ATTTGACCTGCTTGAATTAATCTGAGCAAGAAATTAATTAATTAATTTG 1680  
 1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712  
 1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712

RESULT 2  
 US-10-036-342-1  
 ; Sequence 1, Application US/10036342  
 ; Publication No. US20020090681A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3030R1C5  
 ; CURRENT APPLICATION NUMBER: US/10/036,342  
 ; CURRENT FILING DATE: 2001-12-26  
 ; PRIOR APPLICATION NUMBER: 60/085579  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/112514  
 ; PRIOR FILING DATE: 1998-12-15  
 ; PRIOR APPLICATION NUMBER: 60/113300  
 ; PRIOR FILING DATE: 1998-12-22  
 ; PRIOR APPLICATION NUMBER: 60/113430  
 ; PRIOR FILING DATE: 1998-12-23  
 ; PRIOR APPLICATION NUMBER: 60/113605  
 ; PRIOR FILING DATE: 1998-12-23  
 ; PRIOR APPLICATION NUMBER: 60/113621  
 ; PRIOR FILING DATE: 1998-12-23  
 ; PRIOR APPLICATION NUMBER: 60/114140  
 ; PRIOR FILING DATE: 1998-12-23  
 ; PRIOR APPLICATION NUMBER: 60/115552  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/116843  
 ; PRIOR FILING DATE: 1999-01-22  
 ; PRIOR APPLICATION NUMBER: 60/125774  
 ; PRIOR FILING DATE: 1999-03-23  
 ; PRIOR APPLICATION NUMBER: 60/125778  
 ; PRIOR FILING DATE: 1999-03-23  
 ; PRIOR APPLICATION NUMBER: 60/127035  
 ; PRIOR FILING DATE: 1999-03-24  
 ; PRIOR APPLICATION NUMBER: 60/127035  
 ; PRIOR FILING DATE: 1999-03-31  
 ; PRIOR APPLICATION NUMBER: 60/127706  
 ; PRIOR FILING DATE: 1999-04-05  
 ; PRIOR APPLICATION NUMBER: 60/129122  
 ; PRIOR FILING DATE: 1999-04-13  
 ; PRIOR APPLICATION NUMBER: 60/130359  
 ; PRIOR FILING DATE: 1999-04-21  
 ; PRIOR APPLICATION NUMBER: 60/131270  
 ; PRIOR FILING DATE: 1999-04-27  
 ; PRIOR APPLICATION NUMBER: 60/131272  
 ; PRIOR FILING DATE: 1999-04-27  
 ; PRIOR APPLICATION NUMBER: 60/131291  
 ; PRIOR FILING DATE: 1999-04-27  
 ; PRIOR APPLICATION NUMBER: 60/132371  
 ; PRIOR FILING DATE: 1999-05-04  
 ; PRIOR APPLICATION NUMBER: 60/132379  
 ; PRIOR FILING DATE: 1999-05-04  
 ; PRIOR APPLICATION NUMBER: 60/132383  
 ; PRIOR FILING DATE: 1999-05-04  
 ; PRIOR APPLICATION NUMBER: 60/135750  
 ; PRIOR FILING DATE: 1999-05-25  
 ; PRIOR APPLICATION NUMBER: 60/138166  
 ; PRIOR FILING DATE: 1999-06-08  
 ; PRIOR APPLICATION NUMBER: 60/144791  
 ; PRIOR FILING DATE: 1999-07-20  
 ; PRIOR APPLICATION NUMBER: 60/146970  
 ; PRIOR FILING DATE: 1999-08-03

PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908, 827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-036-342-1

Query Match 100.0%; Score 1712; DB 13; Length 1712;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCCGAGAGACACGCTCTTGAGACTGTCTGTCTTCTCAAGGAGACTCTGA 60  
DB 1 GGCATCTGCCGAGAGACACGCTCTTGAGACTGTCTGTCTTCTCAAGGAGACTCTGA 60  
QY 61 GGCCTGTGTGAATCAATGCTTTTGAGAGAGCTCATCTATTGGCAATGCTGCTTTGTT 120  
DB 61 GGCCTGTGTGAATCAATGCTTTTGAGAGAGCTCATCTATTGGCAATGCTGCTTTGTT 120

QY 121 TTTCCTCCCTTTTTCCTGTGTCAAGATGATATACATGAGTCTCCAAACCGAGAGACT 180  
DB 121 TTTCCTCCCTTTTTCCTGTGTCAAGATGATATACATGAGTCTCCAAACCGAGAGACT 180  
QY 181 ACCCCAGACTGCAATGATGTGTCTATGAGACTACAGCTTTTGAGGCTTCCAGGCCC 240  
DB 181 ACCCCAGACTGCAATGATGTGTCTATGAGACTACAGCTTTTGAGGCTTCCAGGCCC 240  
QY 241 CCTGGGGCCACGGGGCCCTCTGGCATTCAGAGAAACCATGAGAAACATGAGCAATATG 300  
DB 241 CCTGGGGCCACGGGGCCCTCTGGCATTCAGAGAAACCATGAGAAACATGAGCAATATG 300  
QY 301 AGCCACTGTGATGAGAGAGCCAAAGGTGAGAGAGGCGCACAAAGGTGACTGGGGCTCG 360  
DB 301 AGCCACTGTGATGAGAGAGCCAAAGGTGAGAGAGGCGCACAAAGGTGACTGGGGCTCG 360  
QY 361 AGGGAGCGGGGGGCGCATGGCCCCCAAGAGAGAGAGGCTTACCGGGGATTTCCACGGA 420  
DB 361 AGGGAGCGGGGGGCGCATGGCCCCCAAGAGAGAGAGGCTTACCGGGGATTTCCACGGA 420  
QY 421 ACTTCAGATTGATTCATGAGCTTCTGGCAACCACTTCAGCAATCAGAACAGTGGGAT 480  
DB 421 ACTTCAGATTGATTCATGAGCTTCTGGCAACCACTTCAGCAATCAGAACAGTGGGAT 480  
QY 481 TATCTTCAGAGTGTGAGACCAATTTGAAACTCTTTGATGTGATGACTGTGATTT 540  
DB 481 TATCTTCAGAGTGTGAGACCAATTTGAAACTCTTTGATGTGATGACTGTGATTT 540  
QY 541 TGGGGCCCCAGTATCAGGTGTGTATTTTCTTACCTTCAGCATGATGAGATGAGT 600  
DB 541 TGGGGCCCCAGTATCAGGTGTGTATTTTCTTACCTTCAGCATGATGAGATGAGT 600  
QY 601 TGAGGAGTGTATGTATCTTATGACAAATGAGCAACAGTCTTCAGCATGATGAGT 660  
DB 601 TGAGGAGTGTATGTATCTTATGACAAATGAGCAACAGTCTTCAGCATGATGAGT 660  
QY 661 TGAATGAGAGGCAATTCAGATACATCCAGCAATGCTGTGAGTGAAGTGAAGG 720  
DB 661 TGAATGAGAGGCAATTCAGATACATCCAGCAATGCTGTGAGTGAAGTGAAGG 720  
QY 721 GGAATGAGGTTTGGCTGCAATGAGGCAATGGGCTCTCATGAGGAGCCCAACGCTTCTC 780  
DB 721 GGAATGAGGTTTGGCTGCAATGAGGCAATGGGCTCTCATGAGGAGCCCAACGCTTCTC 780  
QY 781 CACCTTTCAGAGATTCCTGCTCTTTGAACTAATGAAATATATGACTAGCTCCAG 840  
DB 781 CACCTTTCAGAGATTCCTGCTCTTTGAACTAATGAAATATATGACTAGCTCCAG 840  
QY 841 TTTGGGGAAGACTGTAGCTGAGCTGATTTGTAGATCTGAGAAACATTAAGTTGAGG 900  
DB 841 TTTGGGGAAGACTGTAGCTGAGCTGATTTGTAGATCTGAGAAACATTAAGTTGAGG 900  
QY 901 GTTTTACATGCTGTATTCAAAAATTAATGTTGCAATGTTGTCACGCTACAGGTCA 960  
DB 901 GTTTTACATGCTGTATTCAAAAATTAATGTTGCAATGTTGTCACGCTACAGGTCA 960  
QY 961 CCAATTAATGTTGCAATTCAGGGGCTCAGAGAAATCAACCAAAATAGCTTCTCAGA 1020  
DB 961 CCAATTAATGTTGCAATTCAGGGGCTCAGAGAAATCAACCAAAATAGCTTCTCAGA 1020  
QY 1021 TGACCTTGACTAATATACAGATCTTATCACTCTTCTTGAGCACTTAAAGATAT 1080  
DB 1021 TGACCTTGACTAATATACAGATCTTATCACTCTTCTTGAGCACTTAAAGATAT 1080  
QY 1081 TCTCTCTGACGAGGTTGAAATATTTTCTATCAAGAGTCAATTTGCAAGAAAT 1140  
DB 1081 TCTCTCTGACGAGGTTGAAATATTTTCTATCAAGAGTCAATTTGCAAGAAAT 1140  
QY 1141 TTGACTACTGCTTTTAATTAATTAATCAAGTTTCAGGAAACCCGTAAGTTTAAGTTCA 1200  
DB 1141 TTGACTACTGCTTTTAATTAATTAATCAAGTTTCAGGAAACCCGTAAGTTTAAGTTCA 1200  
QY 1201 TTATCTTTATTAACATTTGAGAGAAATCGATGTAGTATATGACAGGGCTGGGGCAAGA 1260

Db 1201 TTAATCTTATATACATTGAGCAATCGATGTAGATATGACAGGGCTGGGGCAGAGA 1260  
Qy 1261 CAGGGGCACTAGCTGCTTATTAGTAATTAGTGCCCTCGTGTCACTTAGCCTTTG 1320  
Db 1261 CAGGGGCACTAGCTGCTTATTAGTAATTAGTGCCCTCGTGTCACTTAGCCTTTG 1320  
Qy 1321 ACCCTTCTTGTGATCCAGAAATACATTAATACTGTGAATTCATATCATATGCTATT 1380  
Db 1321 ACCCTTCTTGTGATCCAGAAATACATTAATACTGTGAATTCATATCATATGCTATT 1380  
Qy 1381 TAAAGTCATATGATTTTGTAGCTATAAGTGTGACACAGTAATGTGTTGTAATTTGTGT 1440  
Db 1381 TAAAGTCATATGATTTTGTAGCTATAAGTGTGACACAGTAATGTGTTGTAATTTGTGT 1440  
Qy 1441 ATGTTCCCGCATGCGCCCACTTCGATGTGGGTGAGAGGTTGAGTTCACTATT 1500  
Db 1441 ATGTTCCCGCATGCGCCCACTTCGATGTGGGTGAGAGGTTGAGTTCACTATT 1500  
Qy 1501 AACAAATGCTAATATATCTCATAGAGTACAGTGCATATGATTTCAATGTTGCATG 1560  
Db 1501 AACAAATGCTAATATATCTCATAGAGTACAGTGCATATGATTTCAATGTTGCATG 1560  
Qy 1561 TTGACCAAGGGATTTTATATCTGAAGACATACACTTATTAATAATCTTAGAGAAAG 1620  
Db 1561 TTGACCAAGGGATTTTATATCTGAAGACATACACTTATTAATAATCTTAGAGAAAG 1620  
Qy 1621 ATTTGACCTGCTTATGATTAATACTGTGCAAGAAATGTATGAGCAATATAGGA 1680  
Db 1621 ATTTGACCTGCTTATGATTAATACTGTGCAAGAAATGTATGAGCAATATAGGA 1680  
Qy 1681 ATAAACACACCTTTGTTAAAGTAAAAAAA 1712  
Db 1681 ATAAACACACCTTTGTTAAAGTAAAAAAA 1712

## RESULT 3

US-10-036-041-1  
Sequence 1, Application US/10036041  
Publication No. US20020192751A1

## GENERAL INFORMATION:

APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C8  
CURRENT APPLICATION NUMBER: US/10/036, 041  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116643

PRIOR FILING DATE: 1998-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1998-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908, 827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23

;; PRIOR APPLICATION NUMBER: PCT/US00/23328  
;; PRIOR FILING DATE: 2000-08-24  
;; PRIOR APPLICATION NUMBER: PCT/US00/32678  
;; PRIOR FILING DATE: 2000-12-01  
;; PRIOR APPLICATION NUMBER: PCT/US00/34956  
;; PRIOR FILING DATE: 2000-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US01/06520  
;; PRIOR FILING DATE: 2001-02-28  
;; PRIOR APPLICATION NUMBER: PCT/US01/17800  
;; PRIOR FILING DATE: 2001-06-01  
;; PRIOR APPLICATION NUMBER: PCT/US01/19692  
;; PRIOR FILING DATE: 2001-06-20  
;; PRIOR APPLICATION NUMBER: PCT/US01/21066  
;; PRIOR FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: PCT/US01/21735  
;; PRIOR FILING DATE: 2001-07-09  
;; NUMBER OF SEQ ID NOS: 80  
;; SEQ ID NO: 1  
;; LENGTH: 1712  
;; TYPE: DNA  
;; ORGANISM: Homo Sapien  
US-10-036-041-1

Query Match 100.0%; Score 1712; DB 13; Length 1712;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCGGAGAGACACAGCTCTCGAGCTCGCTGCTTCTTCACAGGAGACTCGA 60  
DB 1 GGCATCTGCGGAGAGACACAGCTCTCGAGCTCTCGCTGCTTCTTCACAGGAGACTCGA 60  
QY 61 GGCCTGTGTAGAAATCATGCTTTGGAGGAGCTCATTAATGGCAATGCTGGCTTTGTT 120  
DB 61 GGCCTGTGTAGAAATCATGCTTTGGAGGAGCTCATTAATGGCAATGCTGGCTTTGTT 120  
QY 121 TTTCTCTCTTTTGGCTGTGTGCAAGATGAATCATGAGTCTCCACAAACCGAGAGACT 180  
DB 121 TTTCTCTCTTTTGGCTGTGTGCAAGATGAATCATGAGTCTCCACAAACCGAGAGACT 180  
QY 181 ACCCCAGACTGCAATAGTGTGTGATGAGAGACTACAGCTTCGAGGCTACCAAGGCC 240  
DB 181 ACCCCAGACTGCAATAGTGTGTGATGAGAGACTACAGCTTCGAGGCTACCAAGGCC 240  
QY 241 CCTTGGGACACCGGGCCCTCTGCGCATTCAGAGAAACATGGAAACATGGCAATGG 300  
DB 241 CCTTGGGACACCGGGCCCTCTGCGCATTCAGAGAAACATGGAAACATGGCAATGG 300  
QY 301 AGCCATGCTGTATGAAGAGCCAAAGGTGAGAAAGGCGCAAAAGGTGAACCTGGGCTCG 360  
DB 301 AGCCATGCTGTATGAAGAGCCAAAGGTGAGAAAGGCGCAAAAGGTGAACCTGGGCTCG 360  
QY 361 AGGGAGCGGGGGGAGCATGCGCCCAAGAGAGAGAGGGCTACCGGGGATTCACACAGA 420  
DB 361 AGGGAGCGGGGGGAGCATGCGCCCAAGAGAGAGAGGGCTACCGGGGATTCACACAGA 420  
QY 421 ACTTCAGATTGCAATGAGCTTCTCTGCGCAACCACTTCAGCAATTCAGAACAGTGGAT 480  
DB 421 ACTTCAGATTGCAATGAGCTTCTCTGCGCAACCACTTCAGCAATTCAGAACAGTGGAT 480  
QY 481 TATCTTCAGCAAGTGTGAGACCAACATTGTTGATGTGATGATGATGATGATGATGAT 540  
DB 481 TATCTTCAGCAAGTGTGAGACCAACATTGTTGATGTGATGATGATGATGATGATGAT 540  
QY 541 TGGGGCCCCAGATCAGGCTGTATTTCTTCACCTTCAGCATGATGAAGATGAAGATGT 600  
DB 541 TGGGGCCCCAGATCAGGCTGTATTTCTTCACCTTCAGCATGATGAAGATGAAGATGT 600  
QY 601 TGAGGAAGTGTATGTATCTTATGACAAATGCGCAACAGTCTTCAGCATGTACAGCTA 660  
DB 601 TGAGGAAGTGTATGTATCTTATGACAAATGCGCAACAGTCTTCAGCATGTACAGCTA 660  
QY 661 TGAATGAAGGCAATCAGATATCATCCAGCAATCATGTGTGCTGAAGCTAGCCAAAG 720  
DB 661 TGAATGAAGGCAATCAGATATCATCCAGCAATCATGTGTGCTGAAGCTAGCCAAAG 720

DB 661 TGAATGAAGGCAATCAGATATCATCCAGCAATCATGTGTGCTGAAGCTAGCCAAAG 720  
QY 721 GGATGAGGTTTGGCTGCAATGAGGCAATGGGCTCTCCATGAGGAGCACCAACGCTTCTC 780  
DB 721 GGATGAGGTTTGGCTGCAATGAGGCAATGGGCTCTCCATGAGGAGCACCAACGCTTCTC 780  
QY 781 CACCTTGCAGAGATTTCTGCTCTTTGAAACTAAGTAATATATGATGATGATGATGATGAT 840  
DB 781 CACCTTGCAGAGATTTCTGCTCTTTGAAACTAAGTAATATATGATGATGATGATGATGAT 840  
QY 841 TTTGGGAGAGCTGTAGCTGATGATTTGTTGATGATGATGATGATGATGATGATGATGAT 900  
DB 841 TTTGGGAGAGCTGTAGCTGATGATTTGTTGATGATGATGATGATGATGATGATGATGAT 900  
QY 901 GTTTTACATTCCTGATTCAAAAAATTAATGTTGCAATGTTGTTGTTGTTGTTGTTGTTGTT 960  
DB 901 GTTTTACATTCCTGATTCAAAAAATTAATGTTGCAATGTTGTTGTTGTTGTTGTTGTTGTT 960  
QY 961 CCAATTAATGTTGACCAATTCAGGGGCTCAGAGAAATCAACCAAAATAGTCTTCTCAGA 1020  
DB 961 CCAATTAATGTTGACCAATTCAGGGGCTCAGAGAAATCAACCAAAATAGTCTTCTCAGA 1020  
QY 1021 TGACCTTGAATTAATATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1080  
DB 1021 TGACCTTGAATTAATATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1080  
QY 1081 TCTCTCTGACGAGGTTGAAATATTTTCTTATACAGAAAGTATTTGCAAAAGATTT 1140  
DB 1081 TCTCTCTGACGAGGTTGAAATATTTTCTTATACAGAAAGTATTTGCAAAAGATTT 1140  
QY 1141 TTGACTACTGCTTTTAATTAATTAATCAAGTTTTCAGAACCCCTGAAGTTTAAAGTTCA 1200  
DB 1141 TTGACTACTGCTTTTAATTAATTAATCAAGTTTTCAGAACCCCTGAAGTTTAAAGTTCA 1200  
QY 1201 TTAATCTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1260  
DB 1201 TTAATCTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1260  
QY 1261 CAGGGGCACTAGCTGCTTATTAAGCTAATTAAGTCCCTCCGCTGTTGAGTTCAGTTCCT 1320  
DB 1261 CAGGGGCACTAGCTGCTTATTAAGCTAATTAAGTCCCTCCGCTGTTGAGTTCAGTTCCT 1320  
QY 1321 ACCCTTCTTTGATTCACAAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1380  
DB 1321 ACCCTTCTTTGATTCACAAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1380  
QY 1381 TTAAGTCAATGATTTTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1440  
DB 1381 TTAAGTCAATGATTTTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1440  
QY 1441 ATGTTCCCCCACTGCGCCCAACTTCGAGATGTTGGGCTCAGAGAGTTGAGGTTCACTATT 1500  
DB 1441 ATGTTCCCCCACTGCGCCCAACTTCGAGATGTTGGGCTCAGAGAGTTGAGGTTCACTATT 1500  
QY 1501 AACCAATGCTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1560  
DB 1501 AACCAATGCTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1560  
QY 1561 TTGACCAAGAGGATTTTATCTGAAGAACATACATCTTAAATTAATTAATTAATTAATTAAT 1620  
DB 1561 TTGACCAAGAGGATTTTATCTGAAGAACATACATCTTAAATTAATTAATTAATTAATTAAT 1620  
QY 1621 ATTTTGAAGCTGCTTGAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1680  
DB 1621 ATTTTGAAGCTGCTTGAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1680  
QY 1681 ATAAACACACCTTTGTTAAAGATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1712  
DB 1681 ATAAACACACCTTTGTTAAAGATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1712

RESULT 4  
US-10-035-855-1



Sequence 1, Application US/10035855  
Publication No. US20030008348A1  
GENERAL INFORMATION:  
APPLICANT: Deenoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME  
FILE REFERENCE: P3030R1C4  
CURRENT APPLICATION NUMBER: US/10/035,855  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832

PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-035-855-1

Query Match 100.0%; Score 1712; DB 14; Length 1712;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCCCGAGAGACCGCTCTGAGCTGTGCTTCTTCAAGAGACTCTGA 60  
DB 1 GGCATCTGCCCGAGAGACCGCTCTGAGCTGTGCTTCTTCAAGAGACTCTGA 60  
QY 61 GGCCTGTGAGATATATCTTTGAGGAGGCTCATCTTATGGAACCTGCTTTGTT 120  
DB 61 GGCCTGTGAGATATATCTTTGAGGAGGCTCATCTTATGGAACCTGCTTTGTT 120  
QY 121 TTTCTCCCTTTTGTGCTGTCAAGATGATATGAGTCTCCAAACCGAGAGACT 180  
DB 121 TTTCTCCCTTTTGTGCTGTCAAGATGATATGAGTCTCCAAACCGAGAGACT 180

181 ACCCCAGACTGCACTAAGTGTGTCATGAGACTAGAGCTTTGAGGCTTACCAAGGCC 240  
181 ACCCCAGACTGCACTAAGTGTGTCATGAGACTAGAGCTTTGAGGCTTACCAAGGCC 240  
241 CCCCTGGGCAACCGGGCCCTCTGGGCAATTCAGAAAACCATGGAACCAATGGCAATGG 300  
241 CCCCTGGGCAACCGGGCCCTCTGGGCAATTCAGAAAACCATGGAACCAATGGCAATGG 300  
301 AGCCACTGCTGATGAAAGAGCAAGGTGAGAAAGGCGCAAAAGGTGACTGGGGCCCTCG 360  
301 AGCCACTGCTGATGAAAGAGCAAGGTGAGAAAGGCGCAAAAGGTGACTGGGGCCCTCG 360  
361 AGGGAGCGGGGCGAGCATGGCCCCAAGAGAGAGAGGGGCTTACCGGGGATTTCCACAGA 420  
361 AGGGAGCGGGGCGAGCATGGCCCCAAGAGAGAGAGGGGCTTACCGGGGATTTCCACAGA 420  
421 ACTTCAGATTGCAATTCATGGCTTCTCTGGCAACCCCACTTCAGCAATCAAGCAAGTGGAT 480  
421 ACTTCAGATTGCAATTCATGGCTTCTCTGGCAACCCCACTTCAGCAATCAAGCAAGTGGAT 480  
481 TATCTTCAGCACTGTTGAGACCAACATTTGAAATCTTTGATGATGATGATGATGATGAT 540  
481 TATCTTCAGCACTGTTGAGACCAACATTTGAAATCTTTGATGATGATGATGATGATGAT 540  
541 TGGGGCCCCAGATCAGGCTGTGTATTTCTTCACTTCAGCATGATGAGATGAGATGAT 600  
541 TGGGGCCCCAGATCAGGCTGTGTATTTCTTCACTTCAGCATGATGAGATGAGATGAT 600  
601 TGAGGAAGTGTATGTGATCTTATGCAATGAGCAACAGCTTTCAGCATGATGATGAT 660  
601 TGAGGAAGTGTATGTGATCTTATGCAATGAGCAACAGCTTTCAGCATGATGATGAT 660  
661 TGAATGAAAGGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720  
661 TGAATGAAAGGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720  
721 GGAATGAGGTTGGCTGCAATGAGCAATGAGGCTTCCATGAGGAGCCACCAAGCTTCTC 780  
721 GGAATGAGGTTGGCTGCAATGAGCAATGAGGCTTCCATGAGGAGCCACCAAGCTTCTC 780  
781 CACTTTTGCAAGATTCCTGCTCTTGAACAATAAGTAATATATGATGATGATGATGAT 840  
781 CACTTTTGCAAGATTCCTGCTCTTGAACAATAAGTAATATATGATGATGATGATGAT 840  
841 TTTGGGGAAGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900  
841 TTTGGGGAAGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900  
901 GTTTTACATGCTGTATCAAAAATATGATGATGATGATGATGATGATGATGATGATGAT 960  
901 GTTTTACATGCTGTATCAAAAATATGATGATGATGATGATGATGATGATGATGATGAT 960  
961 GTTTTACATGCTGTATCAAAAATATGATGATGATGATGATGATGATGATGATGATGAT 1020  
961 GTTTTACATGCTGTATCAAAAATATGATGATGATGATGATGATGATGATGATGATGAT 1020  
1021 TGAACCTTGAATATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1080  
1021 TGAACCTTGAATATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1080  
1081 TCTCTCTGACGAGGAGGTTGAAATATTTTTTTCTATCAAGAGTCAATTTGCAAGAAAT 1140  
1081 TCTCTCTGACGAGGAGGTTGAAATATTTTTTTCTATCAAGAGTCAATTTGCAAGAAAT 1140  
1141 TTGACTACTGCTGCTTTAATTTAATATGATGATGATGATGATGATGATGATGATGAT 1200  
1141 TTGACTACTGCTGCTTTAATTTAATATGATGATGATGATGATGATGATGATGATGAT 1200  
1201 TTATCTTTAATACTTTGAGAGATGAGATGATGATGATGATGATGATGATGATGATGAT 1260  
1201 TTATCTTTAATACTTTGAGAGATGAGATGATGATGATGATGATGATGATGATGATGAT 1260

1261 CAGGGGCACTAGCTGCTTATTAGTAATTTAGTGCCCTCCGCTGTTCAGCTTACCTTTG 1320  
1261 CAGGGGCACTAGCTGCTTATTAGTAATTTAGTGCCCTCCGCTGTTCAGCTTACCTTTG 1320  
1321 ACCCTTCTCTTTGATCCCAAAATATCATTAAACTGTAATTCATTAATGCTTATTT 1380  
1321 ACCCTTCTCTTTGATCCCAAAATATCATTAAACTGTAATTCATTAATGCTTATTT 1380  
1381 TAAAGTCAATGATTTTACTGTAATTAAGTCTGACAGAGTAAGTGGTGTATTTTGTGT 1440  
1381 TAAAGTCAATGATTTTACTGTAATTAAGTCTGACAGAGTAAGTGGTGTATTTTGTGT 1440  
1441 ATGTTCCCCCAATGCGCCCACTTGGATGAGGCTGAGAGGTTGAGGTTCACTATT 1500  
1441 ATGTTCCCCCAATGCGCCCACTTGGATGAGGCTGAGAGGTTGAGGTTCACTATT 1500  
1501 AACCAATGTCATTAATATCTCATGAGGTAAGGTAAGTATGATGATGATGATGATGAT 1560  
1501 AACCAATGTCATTAATATCTCATGAGGTAAGGTAAGTATGATGATGATGATGATGAT 1560  
1561 TTGACCAAGGAGATTTTATGATGAGAAACATACCTATTATTAATGCTTACGAGAAAG 1620  
1561 TTGACCAAGGAGATTTTATGATGAGAAACATACCTATTATTAATGCTTACGAGAAAG 1620  
1621 ATTTGACCTGCTTATGATTAATACTGTGCAAGAAATGTAATGAGCAATATATGGA 1680  
1621 ATTTGACCTGCTTATGATTAATACTGTGCAAGAAATGTAATGAGCAATATATGGA 1680  
1681 ATTAACACACCTTTGTTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG 1712  
1681 ATTAACACACCTTTGTTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG 1712

## RESULT 5

US-10-036-214-1  
Sequence 1, Application US/10036214  
Publication No. US20030032061A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C11  
CURRENT APPLICATION NUMBER: US/10/036,214  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23

```

PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678

```

```

PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-214-1

Query Match      100.0%; Score 1712; DB 14; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  GGCATCTGCCGAGGAGACACGCTCTGAGACTGCTGCTTCTCAGGAGACTCTGA 60
DB      1  GGCATCTGCCGAGGAGACACGCTCTGAGACTGCTGCTTCTCAGGAGACTCTGA 60
QY      61  GGCTCTGTGGAATCATCTTTGGAGGAGCTCATCTTAATGGCAACTGCTGTTGTT 120
DB      61  GGCTCTGTGGAATCATCTTTGGAGGAGCTCATCTTAATGGCAACTGCTGTTGTT 120
QY      121  TTTCTCTCTTTTGGCTGTGTCAAGATGAATATCATGAGTCTCCACAAACCGAGACT 180
DB      121  TTTCTCTCTTTTGGCTGTGTCAAGATGAATATCATGAGTCTCCACAAACCGAGACT 180
QY      181  ACCCCAGCTGACATGATGTGTGCATGAGACTACAGCTTCAGAGCTTACAGAGCCC 240
DB      181  ACCCCAGCTGACATGATGTGTGCATGAGACTACAGCTTCAGAGCTTACAGAGCCC 240
QY      241  CCTGGGACACGGGCGCTCTGATTCACAGAAACCATGGAAACATGGCAACATG 300
DB      241  CCTGGGACACGGGCGCTCTGATTCACAGAAACCATGGAAACATGGCAACATG 300
QY      301  ACCCACTGTGTCATGAAGAGCCAAAGGTGAGAGGCGCAAAAGTGACTGCGGCTCG 360
DB      301  ACCCACTGTGTCATGAAGAGCCAAAGGTGAGAGGCGCAAAAGTGACTGCGGCTCG 360
QY      361  AGGGAGCGGGGCGAGCATGGGCCCAAGAGAGAAAGGCGTACCGGGGATTCACACA 420
DB      361  AGGGAGCGGGGCGAGCATGGGCCCAAGAGAGAAAGGCGTACCGGGGATTCACACA 420
QY      421  ACTTGAGATTGATTCATGCTTCTTGCAACCACTTCAGCAATCAGAAAGTGGAGT 480
DB      421  ACTTGAGATTGATTCATGCTTCTTGCAACCACTTCAGCAATCAGAAAGTGGAGT 480
QY      481  TATCTTCAGCAGTGTGAGACCAACATGGAAACTTTTGTATGTCATGACTGTAGATT 540
DB      481  TATCTTCAGCAGTGTGAGACCAACATGGAAACTTTTGTATGTCATGACTGTAGATT 540
QY      541  TGGGGCCCAATATCAGAGTGTATTTCTTCACTTCAGCAATGAGAAACATGAGAGT 600
DB      541  TGGGGCCCAATATCAGAGTGTATTTCTTCACTTCAGCAATGAGAAACATGAGAGT 600
QY      601  TGAGGAAGTATGTGTACCTTATGACACATGGCAACAGCTTCAGCATGACGCTTA 660
DB      601  TGAGGAAGTATGTGTACCTTATGACACATGGCAACAGCTTCAGCATGACGCTTA 660
QY      661  TGAATGAAGGCAATCAGATACATCCAGCATCATGCTGTGCTGAGACTGACCAAG 720
DB      661  TGAATGAAGGCAATCAGATACATCCAGCATCATGCTGTGCTGAGACTGACCAAG 720
QY      721  GGATGAGGTTTGCTGCGAATGGGCAATGGCGCTCTCATATGGGAGCAACCAAGCTTTC 780
DB      721  GGATGAGGTTTGCTGCGAATGGGCAATGGCGCTCTCATATGGGAGCAACCAAGCTTTC 780

```

|||||  
Db 721 GGATGAGGTTGGCTGGGAATGGGCAATGGCGCTCCATGAGGAGCACCAGGCTTCTC 780  
Qy 781 CACCTTTGACAGGATTTCCGCTCTTTGAAACCTAATATATATACATAGATAGCTCAC 840  
Db 781 CACCTTTGACAGGATTTCCGCTCTTTGAAACCTAATATATATACATAGATAGCTCAC 840  
Qy 841 TTTGGGGAAGACTGTAGCTGAGCTGATTTGTATGATCTGAGGAGCACTTAAAGTTGAG 900  
Db 841 TTTGGGGAAGACTGTAGCTGAGCTGATTTGTATGATCTGAGGAGCACTTAAAGTTGAG 900  
Qy 901 GTTTTACCTGCTGTATTCAAAAATATTTGTTGCAATGTTGTTCAAGCTTACAGGTACA 960  
Db 901 GTTTTACCTGCTGTATTCAAAAATATTTGTTGCAATGTTGTTCAAGCTTACAGGTACA 960  
Qy 961 CCATTAATGTTGCAATTCAGGGGCTCAGAAAGATCAACCAAAATAGCTTCTCAGA 1020  
Db 961 CCATTAATGTTGCAATTCAGGGGCTCAGAAAGATCAACCAAAATAGCTTCTCAGA 1020  
Qy 1021 TGACCTTACTAATATATCTAGCATCTTTATCACTCTTCTGGAAGCTTAAAGATAT 1080  
Db 1021 TGACCTTACTAATATATCTAGCATCTTTATCACTCTTCTGGAAGCTTAAAGATAT 1080  
Qy 1081 TCTCCTGACGAGGTGGAATATTTTTTTCTATCAGAGAGTCAATTTGCCAAGAT 1140  
Db 1081 TCTCCTGACGAGGTGGAATATTTTTTTCTATCAGAGAGTCAATTTGCCAAGAT 1140  
Qy 1141 TTGACTACTGCTTTTAAATTAATACAGTTTCAGAAACCCCTGAGTTTAACTTCA 1200  
Db 1141 TTGACTACTGCTTTTAAATTAATACAGTTTCAGAAACCCCTGAGTTTAACTTCA 1200  
Qy 1201 TTAATCTTAAATACATTTGAGAGATCGATGTATGATATGACAGGCTGGGCAAGAA 1260  
Db 1201 TTAATCTTAAATACATTTGAGAGATCGATGTATGATATGACAGGCTGGGCAAGAA 1260  
Qy 1261 CAGGGGCACTAGCTGCTTATTAAGCTAATTTAGTCCCTCGTGTACGCTTACCTTTG 1320  
Db 1261 CAGGGGCACTAGCTGCTTATTAAGCTAATTTAGTCCCTCGTGTACGCTTACCTTTG 1320  
Qy 1321 ACCCTTCCCTTTGATCCCAAAATACATTTAACTCTGAAATTCACATACATCTATTT 1380  
Db 1321 ACCCTTCCCTTTGATCCCAAAATACATTTAACTCTGAAATTCACATACATCTATTT 1380  
Qy 1381 TAAATCAATAGATTTTATGATAAAGCTTGAACAGTATGTTGTTATTTGTGT 1440  
Db 1381 TAAATCAATAGATTTTATGATAAAGCTTGAACAGTATGTTGTTATTTGTGT 1440  
Qy 1441 ATGTTCCCAACATCGCCCAACTTCGATGTGGGCTCAGAGGTTGAGGTTCAATTT 1500  
Db 1441 ATGTTCCCAACATCGCCCAACTTCGATGTGGGCTCAGAGGTTGAGGTTCAATTT 1500  
Qy 1501 AACCAATGTCATTAATATCTATGAGGTACAGTCCCAATGATTCATTAATTTGATG 1560  
Db 1501 AACCAATGTCATTAATATCTATGAGGTACAGTCCCAATGATTCATTAATTTGATG 1560  
Qy 1561 TTGACCAAGAGGATTTTATCTGAGAGACATACATTTATTAATACCTTAAGAGAG 1620  
Db 1561 TTGACCAAGAGGATTTTATCTGAGAGACATACATTTATTAATACCTTAAGAGAG 1620  
Qy 1621 ATTTTACCTGCTTTAATATAAATCTGTGCAAGAAAAATGTAATGCAATATATGAA 1680  
Db 1621 ATTTTACCTGCTTTAATATAAATCTGTGCAAGAAAAATGTAATGCAATATATGAA 1680  
Qy 1681 ATAAACACACCTTCTTAAAGATTAATAAAAAA 1712  
Db 1681 ATAAACACACCTTCTTAAAGATTAATAAAAAA 1712

RESULT 6  
US-10-035-719-1  
; Sequence 1, Application US/10035719  
; Publication No. US20030036114A1  
; GENERAL INFORMATION:

APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Guiney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C2  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25

```

: PRIOR APPLICATION NUMBER: 09/644848
: PRIOR FILING DATE: 2000-08-22
: PRIOR APPLICATION NUMBER: 09/747259
: PRIOR FILING DATE: 2000-12-20
: PRIOR APPLICATION NUMBER: 09/816744
: PRIOR FILING DATE: 2001-03-22
: PRIOR APPLICATION NUMBER: 09/854208
: PRIOR FILING DATE: 2001-05-10
: PRIOR APPLICATION NUMBER: 09/854280
: PRIOR FILING DATE: 2001-05-10
: PRIOR APPLICATION NUMBER: 09/874503
: PRIOR FILING DATE: 2001-06-05
: PRIOR APPLICATION NUMBER: 09/869599
: PRIOR FILING DATE: 2001-06-29
: PRIOR APPLICATION NUMBER: 09/908, 827
: PRIOR FILING DATE: 2001-07-18
: PRIOR APPLICATION NUMBER: PCT/US99/10733
: PRIOR FILING DATE: 1999-05-14
: PRIOR APPLICATION NUMBER: PCT/US99/28551
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30720
: PRIOR FILING DATE: 1999-12-22
: PRIOR APPLICATION NUMBER: PCT/US00/05601
: PRIOR FILING DATE: 2000-03-01
: PRIOR APPLICATION NUMBER: PCT/US00/05841
: PRIOR FILING DATE: 2000-03-02
: PRIOR APPLICATION NUMBER: PCT/US00/14042
: PRIOR FILING DATE: 2000-05-22
: PRIOR APPLICATION NUMBER: PCT/US00/15264
: PRIOR FILING DATE: 2000-06-02
: PRIOR APPLICATION NUMBER: PCT/US00/23522
: PRIOR FILING DATE: 2000-08-23
: PRIOR APPLICATION NUMBER: PCT/US00/23328
: PRIOR FILING DATE: 2000-08-24
: PRIOR APPLICATION NUMBER: PCT/US00/32678
: PRIOR FILING DATE: 2000-12-01
: PRIOR APPLICATION NUMBER: PCT/US00/34956
: PRIOR FILING DATE: 2000-12-20
: PRIOR APPLICATION NUMBER: PCT/US01/06520
: PRIOR FILING DATE: 2001-02-28
: PRIOR APPLICATION NUMBER: PCT/US01/17800
: PRIOR FILING DATE: 2001-06-01
: PRIOR APPLICATION NUMBER: PCT/US01/19692
: PRIOR FILING DATE: 2001-06-20
: PRIOR APPLICATION NUMBER: PCT/US01/21066
: PRIOR FILING DATE: 2001-06-29
: PRIOR APPLICATION NUMBER: PCT/US01/21735
: PRIOR FILING DATE: 2001-07-09
: NUMBER OF SEQ ID NOS: 80
: SEQ ID NO 1
: LENGTH: 1712
: TYPE: DNA
: ORGANISM: Homo Sapien
: US-10-035-719-1

```

Query Match	Similarity	100.0%	Score	1712;	DB	14;	Length	1712;	
Best Local	Similarity	100.0%	Pred.	No.	0;				
Matches	1712;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0
Qy	1	GGCATCTGCCCGAGAGACCAAGCTCTTGAGACTCTGCTGTCTTCTCAGAGAGACTTGA	60						
Db	1	GGCATCTGCCCGAGAGACCAAGCTCTTGAGACTCTGCTGTCTTCTCAGAGAGACTTGA	60						
Qy	61	GGCTGTGTGGAATCATGCTTTGGAGAGGCTCATCTTGGCAACATGCTGGCTTTGTT	120						
Db	61	GGCTGTGTGGAATCATGCTTTGGAGAGGCTCATCTTGGCAACATGCTGGCTTTGTT	120						
Qy	121	TTTCTCCCTTTTGGCTGTGTCAAAGATGAAATCATGAGTCTCCACAAACGGAGAGACT	180						
Db	121	TTTCTCCCTTTTGGCTGTGTCAAAGATGAAATCATGAGTCTCCACAAACGGAGAGACT	180						
Qy	181	ACCCACAGACTGCAGTAAGTGTGTTCATGAGACATCAAGCTTTCGAGGCTTACCAAGGCC	240						

Db	181	ACCCCAAGCTCAGTAAGTGTGTCAATGAGACTACAGCTTTGAGGCTACCAAGGCC	240
Qy	241	CCCTGGGCGACCGGGCCCTCCTGGCAATTCAGAGAAACCATGAGAAACAATGGCAACATGG	300
Db	241	CCCTGGGCGACCGGGCCCTCCTGGCAATTCAGAGAAACCATGAGAAACAATGGCAACATGG	300
Qy	301	AGCCACTGGTCAATGAGAGGCCAAAGTGAGAGGGCGACAAAGTGAACCTGGGGCTTCG	360
Db	301	AGCCACTGGTCAATGAGAGGCCAAAGTGAGAGGGCGACAAAGTGAACCTGGGGCTTCG	360
Qy	361	AGGGAGGCGGGGGCGAGCTGGCCCCAAGAGAGAAAGGGCTACCCGGGGATTTCCACGAG	420
Db	361	AGGGAGGCGGGGGCGAGCTGGCCCCAAGAGAGAAAGGGCTACCCGGGGATTTCCACGAG	420
Qy	421	ACTTCAGATTCATTCATGATGCTCTCTGGCAACCACTTCAGCAATCAGAACAGTGGAT	480
Db	421	ACTTCAGATTCATTCATGATGCTCTCTGGCAACCACTTCAGCAATCAGAACAGTGGAT	480
Qy	481	TATCTTCAGCAGTGTGAGACCAACATTGGAACTTCTTGATGTCACTGACTGTGATTT	540
Db	481	TATCTTCAGCAGTGTGAGACCAACATTGGAACTTCTTGATGTCACTGACTGTGATTT	540
Qy	541	TGGGGCCCCCATATCAGGTGTGTATTTCTTCACTTCAGCATGATGAGAGCTGAGAGT	600
Db	541	TGGGGCCCCCATATCAGGTGTGTATTTCTTCACTTCAGCATGATGAGAGCTGAGAGT	600
Qy	601	TGAGGAATGTATGTGTACTTATGACAATGGGCAACAAGCTTCAGCATGTACAGCTA	660
Db	601	TGAGGAATGTATGTGTACTTATGACAATGGGCAACAAGCTTCAGCATGTACAGCTA	660
Qy	661	TGAATGAAAGGGCAAAATCAGATACATCAGCAATCATGCTGTGAGAGTACGCAAAAG	720
Db	661	TGAATGAAAGGGCAAAATCAGATACATCAGCAATCATGCTGTGAGAGTACGCAAAAG	720
Qy	721	GGATGAGGTTTGGCTGGCAATGGGCAATGGCGCTCTCCATGGGGACCAACGCTTCTC	780
Db	721	GGATGAGGTTTGGCTGGCAATGGGCAATGGCGCTCTCCATGGGGACCAACGCTTCTC	780
Qy	781	CACCTTTCAGAGATTCCTGCTCTTTGAAACCTAAGTAAATATATGACTGAAATAGCTCCAC	840
Db	781	CACCTTTCAGAGATTCCTGCTCTTTGAAACCTAAGTAAATATATGACTGAAATAGCTCCAC	840
Qy	841	TTTGGGGAAGACTTGTAGCTAGCTGATTTGTTCAGATCTGAGCAACCTTAAAGTTAGG	900
Db	841	TTTGGGGAAGACTTGTAGCTAGCTGATTTGTTCAGATCTGAGCAACCTTAAAGTTAGG	900
Qy	901	GTTTACACTGCTGTATCAAAAATTTATTTGGTTCGAAATGTTTTCACGCTACAGGTACA	960
Db	901	GTTTACACTGCTGTATCAAAAATTTATTTGGTTCGAAATGTTTTCACGCTACAGGTACA	960
Qy	961	CCAAATAAAGTTGGCAAAATTCAGGGGGCTCAGAAAGATCAACCAAAATATAGCTTCTCAG	1020
Db	961	CCAAATAAAGTTGGCAAAATTCAGGGGGCTCAGAAAGATCAACCAAAATATAGCTTCTCAG	1020
Qy	1021	TGACCTTGACTAATATATCTCAGCAATCTTATCACTCTTCTCTGGCACTTAAAGATAT	1080
Db	1021	TGACCTTGACTAATATATCTCAGCAATCTTATCACTCTTCTCTGGCACTTAAAGATAT	1080
Qy	1081	TCTCCTCTGACGCGAGTTGAAATATTTTTTCTATCAAGAAATCATTTTSCAAAGATTT	1140
Db	1081	TCTCCTCTGACGCGAGTTGAAATATTTTTTCTATCAAGAAATCATTTTSCAAAGATTT	1140
Qy	1141	TTGACTACTCTGCTTTTAATTTAATACAGTTTTCAAGAAACCCCTGAAGTTTTAAGTTCA	1200
Db	1141	TTGACTACTCTGCTTTTAATTTAATACAGTTTTCAAGAAACCCCTGAAGTTTTAAGTTCA	1200
Qy	1201	TTATCTTTAATAACATTTGAGAGATCGAGTGTAGTATATGACAGGGCTGGGCAAGAA	1260
Db	1201	TTATCTTTAATAACATTTGAGAGATCGAGTGTAGTATATGACAGGGCTGGGCAAGAA	1260
Qy	1261	CAGGGGCACTAGCTGCTTATTTAGCTAATTTAGTCCCTCCGTGTCAAGTTAGCTTTTG	1320
Db	1261	CAGGGGCACTAGCTGCTTATTTAGCTAATTTAGTCCCTCCGTGTCAAGTTAGCTTTTG	1320

QY 1321 ACCCTTCCTTTGATCCAAATAATCAATTAACCTGATTCACATACATGCTATTT 1380  
DB 1321 ACCCTTCCTTTGATCCAAATAATCAATTAACCTGATTCACATACATGCTATTT 1380  
QY 1381 TAAATGCAATAGATTTTATAGCTATTAAGTCTTACAGTATGCTGTAATTTTGTGT 1440  
DB 1381 TAAATGCAATAGATTTTATAGCTATTAAGTCTTACAGTATGCTGTAATTTTGTGT 1440  
QY 1441 ATGTTCCCAATGAGCCCACTCGAGTGTGGGGTCAAGAGGTGAGTTGACTCTATT 1500  
DB 1441 ATGTTCCCAATGAGCCCACTCGAGTGTGGGGTCAAGAGGTGAGTTGACTCTATT 1500  
QY 1501 AACAAATGCAATTAATATCTCATAGAGTACAGTCCCAATAGATTTTCAATGTTGACATG 1560  
DB 1501 AACAAATGCAATTAATATCTCATAGAGTACAGTCCCAATAGATTTTCAATGTTGACATG 1560  
QY 1561 TTGACCAAGAGGATTTTATATCTGGAAGACATACATTAATAATACCTTAGAGAAAG 1620  
DB 1561 TTGACCAAGAGGATTTTATATCTGGAAGACATACATTAATAATACCTTAGAGAAAG 1620  
QY 1621 ATTTGACCTGCTTTAGATTAAGTGTGCAAGAAAAATGTAATGAGCAATATATGAGA 1680  
DB 1621 ATTTGACCTGCTTTAGATTAAGTGTGCAAGAAAAATGTAATGAGCAATATATGAGA 1680  
QY 1681 ATAAACACACCTTTGTTAAAGATTAATAAAAAA 1712  
DB 1681 ATAAACACACCTTTGTTAAAGATTAATAAAAAA 1712

## RESULT 7

US-10-036-160-1  
Sequence 1, Application US/10036160  
Publication No. US20030044842A1

## GENERAL INFORMATION:

APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C3  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826

PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20

```

; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 1
; LENGTH: 1712
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-036-160-1

Query Match      100.0%; Score 1712; DB 14; Length 1712;
Beet Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTCTGCTCTCTCAAGAGACTTGA 60
DB      1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTCTGCTCTCTCAAGAGACTTGA 60
QY      61 GGCCTCTTGAGATCATCTTTGAGAGCACTCATTTTGGCAATGCTGCTTTGTT 120
DB      61 GGCCTCTTGAGATCATCTTTGAGAGCACTCATTTTGGCAATGCTGCTTTGTT 120
QY      121 TTTCTCTCTTTTGTGCTGTCAAGATGATTCATGAGTCTCCCAAGCGAGACT 180
DB      121 TTTCTCTCTTTTGTGCTGTCAAGATGATTCATGAGTCTCCCAAGCGAGACT 180
QY      181 ACCCCAGACTCAGTAACTGTGTGTCATGAGAGCTACAGCTTTCAGAGCTACCAAGCCC 240
DB      181 ACCCCAGACTCAGTAACTGTGTGTCATGAGAGCTACAGCTTTCAGAGCTACCAAGCCC 240
QY      241 CCCTGGGCGACCGGCGCTCTCTGCGCATTCAGAGAAACATGGAACATGGAACAATG 300
DB      241 CCCTGGGCGACCGGCGCTCTCTGCGCATTCAGAGAAACATGGAACATGGAACAATG 300
QY      301 AGCCATCTGTCATGAAAGAGGCAAGAGTGAAGAGGCGCAAAAGTGACCTGGGGCTGG 360
DB      301 AGCCATCTGTCATGAAAGAGGCAAGAGTGAAGAGGCGCAAAAGTGACCTGGGGCTGG 360
QY      361 AGGAGAGCGGGGCGAGCATGCGCCCAAGAGAGAGAGGCTACCGGGGATTCCACAGA 420
DB      361 AGGAGAGCGGGGCGAGCATGCGCCCAAGAGAGAGAGGCTACCGGGGATTCCACAGA 420
QY      421 ACTTCAGATTCATTCATGCTTTCTCTGCGCAACCCATTCAGCAATCAGAACAGTGGAT 480
DB      421 ACTTCAGATTCATTCATGCTTTCTCTGCGCAACCCATTCAGCAATCAGAACAGTGGAT 480
QY      481 TATCTTCAGCAATGTTGAGAACCAACATTTGAAACCTTTTGATGTCATGATGCTGAT 540
DB      481 TATCTTCAGCAATGTTGAGAACCAACATTTGAAACCTTTTGATGTCATGATGCTGAT 540
QY      541 TGGGGCGCCAGATCAGTGTGATTTCTTCACTTCAGCATGATGAAAGATG 600
DB      541 TGGGGCGCCAGATCAGTGTGATTTCTTCACTTCAGCATGATGAAAGATG 600
QY      601 TGAAGAAGTGTATGTGTACCTTATGCAATGCAACAGTCTTGAAGTGAAGTGA 660
DB      601 TGAAGAAGTGTATGTGTACCTTATGCAATGCAACAGTCTTGAAGTGAAGTGA 660
QY      661 TGAAGAAGTGTATGTGTACCTTATGCAATGCAACAGTCTTGAAGTGAAGTGA 720
DB      661 TGAAGAAGTGTATGTGTACCTTATGCAATGCAACAGTCTTGAAGTGAAGTGA 720
QY      721 GGATGAGTTTGGCTGCGAATGGGCAATGGCGCTTCATGAGGAGACCAACAGCTTCTC 780
DB      721 GGATGAGTTTGGCTGCGAATGGGCAATGGCGCTTCATGAGGAGACCAACAGCTTCTC 780

```

```

QY      781 CACCTTGGCAGGATTCCTGCTCTTTGAAACTAAGTAATATATGACTAGATAGCTCCAC 840
DB      781 CACCTTGGCAGGATTCCTGCTCTTTGAAACTAAGTAATATATGACTAGATAGCTCCAC 840
QY      841 TTTGGGGAAGACTTGTAGCTGAGTGAATTTTGAAGTGAAGAACATTAAGTTGAG 900
DB      841 TTTGGGGAAGACTTGTAGCTGAGTGAATTTTGAAGTGAAGAACATTAAGTTGAG 900
QY      901 GTTTTACATGCTGTATTCAAAAATTAATGTTGCAATGTTGTTCCAGCTACAGGTACA 960
DB      901 GTTTTACATGCTGTATTCAAAAATTAATGTTGCAATGTTGTTCCAGCTACAGGTACA 960
QY      961 CCAATTAATCTTGAAATTCAGGGGCTCAGAAAGATCAACCAAAATATGCTTCCAGA 1020
DB      961 CCAATTAATCTTGAAATTCAGGGGCTCAGAAAGATCAACCAAAATATGCTTCCAGA 1020
QY      1021 TGACCTTGACTAATTAATCTCAGCATCTTATGACTCTTCTTGGCAGCTTAAGATAT 1080
DB      1021 TGACCTTGACTAATTAATCTCAGCATCTTATGACTCTTCTTGGCAGCTTAAGATAT 1080
QY      1081 TCTCTCTGACGACAGTTGGAAATATTTTCTATCAGAAAGTCAATTTGCAAGAAAT 1140
DB      1081 TCTCTCTGACGACAGTTGGAAATATTTTCTATCAGAAAGTCAATTTGCAAGAAAT 1140
QY      1141 TTGACTACTGCTCTTTAATTAATACAGTTTGAAGAACCCCTGAAGTTTAAGTTCA 1200
DB      1141 TTGACTACTGCTCTTTAATTAATACAGTTTGAAGAACCCCTGAAGTTTAAGTTCA 1200
QY      1201 TTAATCTTAAATTAATGAGAAATCGGATGATGATGATGACAGGCTGGGGCAAGAA 1260
DB      1201 TTAATCTTAAATTAATGAGAAATCGGATGATGATGATGACAGGCTGGGGCAAGAA 1260
QY      1261 CAGGGGCACTAGCTGCTTATTAAGTAAATGAGCTCTGCTGCTTACCTTGG 1320
DB      1261 CAGGGGCACTAGCTGCTTATTAAGTAAATGAGCTCTGCTGCTTACCTTGG 1320
QY      1321 ACCCTTCTTTGATCCAGAAATACATTAATCTGAAATTCATCAATGCTAAT 1380
DB      1321 ACCCTTCTTTGATCCAGAAATACATTAATCTGAAATTCATCAATGCTAAT 1380
QY      1381 TAAAGTCAATAGATTTTAAAGTCTTGAACAGATGATGATGATGATGATGAT 1440
DB      1381 TAAAGTCAATAGATTTTAAAGTCTTGAACAGATGATGATGATGATGATGAT 1440
QY      1441 ATGTTCCCGCATGCGCCCAACTTGGATGAGGCTGAGAGGTTGACTATT 1500
DB      1441 ATGTTCCCGCATGCGCCCAACTTGGATGAGGCTGAGAGGTTGACTATT 1500
QY      1501 AACCAATGTCATTAATATCTCATAGAGTACGTCCCAATTAATTAATGTTGCAAG 1560
DB      1501 AACCAATGTCATTAATATCTCATAGAGTACGTCCCAATTAATTAATGTTGCAAG 1560
QY      1561 TTGACGAGGAGATTTTATATCTGAAGAACATACATTAATTAATACCTTAGAGAA 1620
DB      1561 TTGACGAGGAGATTTTATATCTGAAGAACATACATTAATTAATACCTTAGAGAA 1620
QY      1621 ATTTTGAAGCTTGTAGTAATAAAGTGTGCAAGAAAAATGTAATGAGCAATATATGAA 1680
DB      1621 ATTTTGAAGCTTGTAGTAATAAAGTGTGCAAGAAAAATGTAATGAGCAATATATGAA 1680
QY      1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712
DB      1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712

RESULT 8
US-10-035-958-1
; Sequence 1, Application US/10035958
; Publication No. US20030049733A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Saton, Dan L.
; APPLICANT: Goddard, Audrey

```

APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C7  
CURRENT APPLICATION NUMBER: US/10/035,958  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259

PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-035-958-1  
Query Match 100.0%; Score 1712; DB 14; Length 1712;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 GGGATGCGCCGAGGAGACAGCTCTCGAGAGCTGCGTCTTTCAGGAGACTTGA 60  
DB 1 GGCATGCGCCGAGGAGACAGCTCTCGAGAGCTGCGTCTTTCAGGAGACTTGA 60  
QY 61 GGGCTGTGAGAGATCATGCTTTGGAGGAGCTCATATTGGCAACTGTGGCTTTGT 120  
DB 61 GGGCTGTGAGAGATCATGCTTTGGAGGAGCTCATATTGGCAACTGTGGCTTTGT 120  
QY 121 TTTCTCTCTTTTGGCTGTGTCAAGATGATATCATGTCTCCAAACCGAGACT 180  
DB 121 TTTCTCTCTTTTGGCTGTGTCAAGATGATATCATGTCTCCAAACCGAGACT 180  
QY 181 ACCCCAGACTGAGATGTGTTCATGAGAGACTTTCAGGAGCTACCAAGGCC 240  
DB 181 ACCCCAGACTGAGATGTGTTCATGAGAGACTTTCAGGAGCTACCAAGGCC 240  
QY 241 CCTGGGCGACCGGGCCCTCTGGCATTCAGAGAAACCATGGCAACATGG 300



```

Db      1321  ACCCTTCCTTTTATGCACAAAATACATTAAACCTGCAATTGCATACATGCTATT 1380
Qy      1381  TAAAGTCATATGATTTTATAGCTATATAAAGTGCTTGCCAGTAATGTGTTGTAATTTTG 1440
Db      1381  TAAAGTCATATGATTTTATAGCTATATAAAGTGCTTGCCAGTAATGTGTTGTAATTTTG 1440
Qy      1441  ATGTTCCCCCAATCGGCCCAACTTGCGATGTGGGGTCCAGAGGTTGAGGTTCACTAT 1500
Db      1441  ATGTTCCCCCAATCGGCCCAACTTGCGATGTGGGGTCCAGAGGTTGAGGTTCACTAT 1500
Qy      1501  AACAAATGTCATAAATATCTCATAGAGGTACAGTGCCCAATAGATATTTCAATGTTCAT 1560
Db      1501  AACAAATGTCATAAATATCTCATAGAGGTACAGTGCCCAATAGATATTTCAATGTTCAT 1560
Qy      1561  TTGACCCAGAGGATTTTATATCTGTAAGAATCACTATTAATAAATCCTTAGAGAA 1620
Db      1561  TTGACCCAGAGGATTTTATATCTGTAAGAATCACTATTAATAAATCCTTAGAGAA 1620
Qy      1621  ATTTTGACCTGCTTTATGATTTAAACTGTGGCAAGAAATATGATATGACATATATGAA 1680
Db      1621  ATTTTGACCTGCTTTATGATTTAAACTGTGGCAAGAAATATGATATGACATATATGAA 1680
Qy      1681  ATAAACACACCTTTGTTAAAGATAAAAAAA 1712
Db      1681  ATAAACACACCTTTGTTAAAGATAAAAAAA 1712

RESULT 9
US-10-036-150-1
; Sequence 1, Application US/10036150
; Publication No. US20030049734A1
; GENERAL INFORMATION:
; APPLICANT: Desmoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C9
; CURRENT APPLICATION NUMBER: US/10/036, 150
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
; PRIOR FILING DATE: 1999-03-31

```

PRIOR APPLICATION NUMBER: 60/127706  
 PRIOR FILING DATE: 1999-04-05  
 PRIOR APPLICATION NUMBER: 60/129122  
 PRIOR FILING DATE: 1999-04-13  
 PRIOR APPLICATION NUMBER: 60/130359  
 PRIOR FILING DATE: 1999-04-21  
 PRIOR APPLICATION NUMBER: 60/131270  
 PRIOR FILING DATE: 1999-04-27  
 PRIOR APPLICATION NUMBER: 60/131272  
 PRIOR FILING DATE: 1999-04-27  
 PRIOR APPLICATION NUMBER: 60/131291  
 PRIOR FILING DATE: 1999-04-27  
 PRIOR APPLICATION NUMBER: 60/132371  
 PRIOR FILING DATE: 1999-05-04  
 PRIOR APPLICATION NUMBER: 60/132379  
 PRIOR FILING DATE: 1999-05-04  
 PRIOR APPLICATION NUMBER: 60/132383  
 PRIOR FILING DATE: 1999-05-04  
 PRIOR APPLICATION NUMBER: 60/135750  
 PRIOR FILING DATE: 1999-05-25  
 PRIOR APPLICATION NUMBER: 60/138166  
 PRIOR FILING DATE: 1999-06-08  
 PRIOR APPLICATION NUMBER: 60/144791  
 PRIOR FILING DATE: 1999-07-20  
 PRIOR APPLICATION NUMBER: 60/146970  
 PRIOR FILING DATE: 1999-08-03  
 PRIOR APPLICATION NUMBER: 60/162506  
 PRIOR FILING DATE: 1999-10-29  
 PRIOR APPLICATION NUMBER: 09/311832  
 PRIOR FILING DATE: 1999-05-14  
 PRIOR APPLICATION NUMBER: 09/380142  
 PRIOR FILING DATE: 1999-08-25  
 PRIOR APPLICATION NUMBER: 09/644848  
 PRIOR FILING DATE: 2000-08-22  
 PRIOR APPLICATION NUMBER: 09/747259  
 PRIOR FILING DATE: 2000-12-20  
 PRIOR APPLICATION NUMBER: 09/816744  
 PRIOR FILING DATE: 2001-03-22  
 PRIOR APPLICATION NUMBER: 09/854208  
 PRIOR FILING DATE: 2001-05-10  
 PRIOR APPLICATION NUMBER: 09/854280  
 PRIOR FILING DATE: 2001-05-10  
 PRIOR APPLICATION NUMBER: 09/874503  
 PRIOR FILING DATE: 2001-06-05  
 PRIOR APPLICATION NUMBER: 09/869599  
 PRIOR FILING DATE: 2001-06-29  
 PRIOR APPLICATION NUMBER: 09/908,827  
 PRIOR FILING DATE: 2001-07-18  
 PRIOR APPLICATION NUMBER: PCT/US99/10733  
 PRIOR FILING DATE: 1999-05-14  
 PRIOR APPLICATION NUMBER: PCT/US99/28551  
 PRIOR FILING DATE: 1999-12-02  
 PRIOR APPLICATION NUMBER: PCT/US99/30720  
 PRIOR FILING DATE: 1999-12-22  
 PRIOR APPLICATION NUMBER: PCT/US00/05601  
 PRIOR FILING DATE: 2000-03-01  
 PRIOR APPLICATION NUMBER: PCT/US00/05841  
 PRIOR FILING DATE: 2000-03-02  
 PRIOR APPLICATION NUMBER: PCT/US00/14042  
 PRIOR FILING DATE: 2000-05-22  
 PRIOR APPLICATION NUMBER: PCT/US00/15264  
 PRIOR FILING DATE: 2000-06-02  
 PRIOR APPLICATION NUMBER: PCT/US00/23522  
 PRIOR FILING DATE: 2000-08-23  
 PRIOR APPLICATION NUMBER: PCT/US00/23328  
 PRIOR FILING DATE: 2000-08-24  
 PRIOR APPLICATION NUMBER: PCT/US00/32678  
 PRIOR FILING DATE: 2000-12-01  
 PRIOR APPLICATION NUMBER: PCT/US00/34956  
 PRIOR FILING DATE: 2000-12-20  
 PRIOR APPLICATION NUMBER: PCT/US01/06520  
 PRIOR FILING DATE: 2001-02-28  
 PRIOR APPLICATION NUMBER: PCT/US01/17800

PRIOR FILING DATE: 2001-06-01  
 PRIOR APPLICATION NUMBER: PCT/US01/19692  
 PRIOR FILING DATE: 2001-06-20  
 PRIOR APPLICATION NUMBER: PCT/US01/21066  
 PRIOR FILING DATE: 2001-06-29  
 PRIOR APPLICATION NUMBER: PCT/US01/21735  
 PRIOR FILING DATE: 2001-07-09  
 NUMBER OF SEQ ID NOS: 80  
 SEQ ID NO: 1  
 LENGTH: 1712  
 TYPE: DNA  
 ORGANISM: Homo Sapien  
 US-10-036-150-1

Query Match 100.0%; Score 1712; DB 14; Length 1712;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATGCGCCGAGAGACACGCTCTGAGAGCTGCTGCTTCTCAGGAGACTTGA 60  
 DB 1 GGCATGCGCCGAGAGACACGCTCTGAGAGCTGCTGCTTCTCAGGAGACTTGA 60  
 QY 61 GGCCTGTGGAATCATGCTTTGAGAGGAGCTCATATTGGCACTGCTGCTTTGTT 120  
 DB 61 GGCCTGTGGAATCATGCTTTGAGAGGAGCTCATATTGGCACTGCTGCTTTGTT 120  
 QY 121 TTTCCCTCCCTTTTGGCTGTGTCAGATGATGAGTCTCCAAACCGGAGAGCT 180  
 DB 121 TTTCCCTCCCTTTTGGCTGTGTCAGATGATGAGTCTCCAAACCGGAGAGCT 180  
 QY 181 ACCCCGAGCTGAGTAAGTGTGTGTCATGAGACTTACAGCTTTCAGAGCTACCAAGGCC 240  
 DB 181 ACCCCGAGCTGAGTAAGTGTGTGTCATGAGACTTACAGCTTTCAGAGCTACCAAGGCC 240  
 QY 241 CCTGGGCGCCAGCGGCGCTCTCTGCAATTCAGAGAAACCATGGAACATGCGCAATGG 300  
 DB 241 CCTGGGCGCCAGCGGCGCTCTCTGCAATTCAGAGAAACCATGGAACATGCGCAATGG 300  
 QY 301 AGCCACTGTGTCATGAGAGGAGCCAAAGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGG 360  
 DB 301 AGCCACTGTGTCATGAGAGGAGCCAAAGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGG 360  
 QY 361 AGGGAGCGGGGCGAGATGAGCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420  
 DB 361 AGGGAGCGGGGCGAGATGAGCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420  
 QY 421 ACTTCAGATTGATTCATGCTTCTCTGCAACCACTTCAGCAATTCAGCAATGCTGAGAT 480  
 DB 421 ACTTCAGATTGATTCATGCTTCTCTGCAACCACTTCAGCAATTCAGCAATGCTGAGAT 480  
 QY 481 TATCTTCAGAGTGTGAGCAACATGGAACCTTTGATGTGATGATGATGATGATGATGAT 540  
 DB 481 TATCTTCAGAGTGTGAGCAACATGGAACCTTTGATGTGATGATGATGATGATGATGAT 540  
 QY 541 TGGGGCCCGATCATGAGTGTGATTTCTTCACTTCAGCATGATGAGAGATGAGATGAT 600  
 DB 541 TGGGGCCCGATCATGAGTGTGATTTCTTCACTTCAGCATGATGAGAGATGAGATGAT 600  
 QY 601 TGAAGAAGTGTATGTGTACTTATGCAATGAGCAACAGTCTTCACAGTATGACGTGA 660  
 DB 601 TGAAGAAGTGTATGTGTACTTATGCAATGAGCAACAGTCTTCACAGTATGACGTGA 660  
 QY 661 TGAATAAGAGGCAATCATGATATCCAGCAATCATGCTGTGCTGAGAGCTGACCAAGG 720  
 DB 661 TGAATAAGAGGCAATCATGATATCCAGCAATCATGCTGTGCTGAGAGCTGACCAAGG 720  
 QY 721 GGAATGAGTGTGCTGCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780  
 DB 721 GGAATGAGTGTGCTGCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780  
 QY 781 CACCTTTCAGAGATTCCTGCTCTTTGAACTAAGTAATATATGATGATGATGATGATGAT 840  
 DB 781 CACCTTTCAGAGATTCCTGCTCTTTGAACTAAGTAATATATGATGATGATGATGATGAT 840

QY 841 TTGGGGAAGACTTGTAGCTGAGCTGATTTGTTACATCTGAGGAACATTTAAAGTTGAG 900  
DB 841 TTGGGGAAGACTTGTAGCTGAGCTGATTTGTTACATCTGAGGAACATTTAAAGTTGAG 900  
QY 901 GTTTTACATGCTGTATTCAAAAAATTAATGTTGGAAGTGTCTACAGCTACAGGTACA 960  
DB 901 GTTTTACATGCTGTATTCAAAAAATTAATGTTGGAAGTGTCTACAGCTACAGGTACA 960  
QY 961 CCAATTAATGTTGGAACATTCAGGGGCTCAGAAAGATCAACCAAAATAGTCTTCAGA 1020  
DB 961 CCAATTAATGTTGGAACATTCAGGGGCTCAGAAAGATCAACCAAAATAGTCTTCAGA 1020  
QY 1021 TGACCTTGACTATTAATCTACAGATCTTATCTCTTCTTGGAACCTTAAAGATTAAT 1080  
DB 1021 TGACCTTGACTATTAATCTACAGATCTTATCTCTTCTTGGAACCTTAAAGATTAAT 1080  
QY 1081 TCTCTCTGACGAGGTGGAATATTTTCTATCAGAGATCAATTTGCAAGAAAT 1140  
DB 1081 TCTCTCTGACGAGGTGGAATATTTTCTATCAGAGATCAATTTGCAAGAAAT 1140  
QY 1141 TTGACTACTCTCTTTAATTTAATACAGATTTTCAAGAACCTTGAAGTTTAAGTTCA 1200  
DB 1141 TTGACTACTCTCTTTAATTTAATACAGATTTTCAAGAACCTTGAAGTTTAAGTTCA 1200  
QY 1201 TTATCTTTTATAACATTTGAGAGATCGAATGATGATGACAGGGCTGGGGCAAGAA 1260  
DB 1201 TTATCTTTTATAACATTTGAGAGATCGAATGATGATGACAGGGCTGGGGCAAGAA 1260  
QY 1261 CAGGGGCACTAGCTGCTTATTAATGCTAATTTAGTGCCTCCGCTTCAAGTTAGCCTTG 1320  
DB 1261 CAGGGGCACTAGCTGCTTATTAATGCTAATTTAGTGCCTCCGCTTCAAGTTAGCCTTG 1320  
QY 1321 ACCCTTCTTTGATCCAAAAATACATTTAAACTCTGAATTCACATCAATGCTATTT 1380  
DB 1321 ACCCTTCTTTGATCCAAAAATACATTTAAACTCTGAATTCACATCAATGCTATTT 1380  
QY 1381 TAAAGTCAATAGATTTTACCTATAAAGTCTTGACAGGATGATGATTTTGTGT 1440  
DB 1381 TAAAGTCAATAGATTTTACCTATAAAGTCTTGACAGGATGATGATTTTGTGT 1440  
QY 1441 ATGTTCCCCCACAATGCCCCCACTTCCGATGCGGGGTCAAGAGGTTGAGGTTCAATTT 1500  
DB 1441 ATGTTCCCCCACAATGCCCCCACTTCCGATGCGGGGTCAAGAGGTTGAGGTTCAATTT 1500  
QY 1501 AACCAATGCTAATATCTCATAGAGTACAGTGCCAATAGATTTCAAAATGTTGCATG 1560  
DB 1501 AACCAATGCTAATATCTCATAGAGTACAGTGCCAATAGATTTCAAAATGTTGCATG 1560  
QY 1561 TTGACCAAGAGGATTTTATATCTGAAGAACATACACTAATTAATTAATCTTGAAGAA 1620  
DB 1561 TTGACCAAGAGGATTTTATATCTGAAGAACATACACTAATTAATTAATCTTGAAGAA 1620  
QY 1621 ATTTTGAAGTGTGCTTTAATGAATTAAGTGTGCAAGAAAAATGTAATGAGCAATATGAA 1680  
DB 1621 ATTTTGAAGTGTGCTTTAATGAATTAAGTGTGCAAGAAAAATGTAATGAGCAATATGAA 1680  
QY 1681 ATTAACACACCTTTGTTAAAGATTAAGAAAAA 1712  
DB 1681 ATTAACACACCTTTGTTAAAGATTAAGAAAAA 1712

RESULT 10  
US-10-036-063-1  
; Sequence 1, Application US/10036063  
; Publication No. US20030092063A1  
; GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James

APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C6  
CURRENT APPLICATION NUMBER: US/10/036,063  
PRIOR FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22

```
/ PRIOR APPLICATION NUMBER: 09/854208
/ PRIOR FILING DATE: 2001-05-10
/ PRIOR APPLICATION NUMBER: 09/854280
/ PRIOR FILING DATE: 2001-05-10
/ PRIOR APPLICATION NUMBER: 09/874503
/ PRIOR FILING DATE: 2001-06-05
/ PRIOR APPLICATION NUMBER: 09/869599
/ PRIOR FILING DATE: 2001-06-29
/ PRIOR APPLICATION NUMBER: 09/908,827
/ PRIOR FILING DATE: 2001-07-18
/ PRIOR APPLICATION NUMBER: PCT/US99/10733
/ PRIOR FILING DATE: 1999-05-14
/ PRIOR APPLICATION NUMBER: PCT/US99/28551
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30720
/ PRIOR FILING DATE: 1999-12-22
/ PRIOR APPLICATION NUMBER: PCT/US00/05601
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: PCT/US00/05841
/ PRIOR FILING DATE: 2000-03-02
/ PRIOR APPLICATION NUMBER: PCT/US00/14042
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: PCT/US00/15264
/ PRIOR FILING DATE: 2000-06-02
/ PRIOR APPLICATION NUMBER: PCT/US00/23522
/ PRIOR FILING DATE: 2000-08-23
/ PRIOR APPLICATION NUMBER: PCT/US00/23338
/ PRIOR FILING DATE: 2000-08-24
/ PRIOR APPLICATION NUMBER: PCT/US00/32678
/ PRIOR FILING DATE: 2000-12-01
/ PRIOR APPLICATION NUMBER: PCT/US00/34956
/ PRIOR FILING DATE: 2000-12-20
/ PRIOR APPLICATION NUMBER: PCT/US01/06520
/ PRIOR FILING DATE: 2001-02-28
/ PRIOR APPLICATION NUMBER: PCT/US01/17800
/ PRIOR FILING DATE: 2001-06-01
/ PRIOR APPLICATION NUMBER: PCT/US01/19692
/ PRIOR FILING DATE: 2001-06-20
/ PRIOR APPLICATION NUMBER: PCT/US01/21066
/ PRIOR FILING DATE: 2001-06-29
/ PRIOR APPLICATION NUMBER: PCT/US01/21735
/ PRIOR FILING DATE: 2001-07-09
/ NUMBER OF SEQ ID NOS: 80
/ SEQ ID NO 1
/ LENGTH: 1712
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-036-063-1
```

```
Query Match 100.0%; Score 1712; DB 14; Length 1712;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 GGCATCTGCCGAGGAGACACGCTCTCTGAGCTCTGCTCTTCTCAGGAGACTCTGA 60
DB 1 GGCATCTGCCGAGGAGACACGCTCTCTGAGCTCTGCTCTTCTCAGGAGACTCTGA 60
QY 61 GGCCTGTTGGAATCATGCTTTGAGGAGCTCATATTGGCAACGCTGGCTTTGTT 120
DB 61 GGCCTGTTGGAATCATGCTTTGAGGAGCTCATATTGGCAACGCTGGCTTTGTT 120
QY 121 TTTCTCTCTTTTCTGCTGTGCTCAAGATATACATGAGTCTCCACAAACGGAGACT 180
DB 121 TTTCTCTCTTTTCTGCTGTGCTCAAGATATACATGAGTCTCCACAAACGGAGACT 180
QY 181 ACCCCAGACTGCACTGAAGTGTGTCATGAGAGACTACAGCTTTGAGGCTACCAAGGCC 240
DB 181 ACCCCAGACTGCACTGAAGTGTGTCATGAGAGACTACAGCTTTGAGGCTACCAAGGCC 240
QY 241 CCGTGGGCAACCGGGCCCTCTGAGATCCAGGAAACCATGGCAACATGGCAACATGG 300
DB 241 CCGTGGGCAACCGGGCCCTCTGAGATCCAGGAAACCATGGCAACATGGCAACATGG 300
```

```
QY 301 AGCCACTGCTCATGAGAGCAACAAAGTGAGAGGGCGACAAGGTGACTCTGGGCTCG 360
DB 301 AGCCACTGCTCATGAGAGCAACAAAGTGAGAGGGCGACAAGGTGACTCTGGGCTCG 360
QY 361 AGGGAGCGGGGCGAGCATGCGCCCAAGAGAGAAAGGCTACCGGGGATTCCACCGA 420
DB 361 AGGGAGCGGGGCGAGCATGCGCCCAAGAGAGAAAGGCTACCGGGGATTCCACCGA 420
QY 421 ACTTCAGATTGCAATGAGCTTCTGCGCAACCCACTTCACCAATCAAGAGGGAT 480
DB 421 ACTTCAGATTGCAATGAGCTTCTGCGCAACCCACTTCACCAATCAAGAGGGAT 480
QY 481 TATCTTCAGAGTGTGAGACCAACATTTGAAACTCTTGTGATGATGACTGTAGATT 540
DB 481 TATCTTCAGAGTGTGAGACCAACATTTGAAACTCTTGTGATGATGACTGTAGATT 540
QY 541 TGGGGCCCAAGTATCAGGTGTGATTTCTTCACTTCAGCATGATGAAGCATGAGATT 600
DB 541 TGGGGCCCAAGTATCAGGTGTGATTTCTTCACTTCAGCATGATGAAGCATGAGATT 600
QY 601 TGAAGAAAGTATGTGTACCTTATGCAACATGGCAACAGCTTCAGCATGACGCTA 660
DB 601 TGAAGAAAGTATGTGTACCTTATGCAACATGGCAACAGCTTCAGCATGACGCTA 660
QY 661 TGAATAGAGGGCAATCAGATACATCCAGCAATCATGTGTGCTGAAGCTAGCCAAAG 720
DB 661 TGAATAGAGGGCAATCAGATACATCCAGCAATCATGTGTGCTGAAGCTAGCCAAAG 720
QY 721 GGAATGAGTTTGGCTGCGAATGGGCAATGGCGCTCTCAATGGGACACCAACGTTCTC 780
DB 721 GGAATGAGTTTGGCTGCGAATGGGCAATGGCGCTCTCAATGGGACACCAACGTTCTC 780
QY 781 CACCTTGGAGATTCCTGCTCTTTGAAACTAAGTAATATATGACTGAATAGCTCAC 840
DB 781 CACCTTGGAGATTCCTGCTCTTTGAAACTAAGTAATATATGACTGAATAGCTCAC 840
QY 841 TTTGGGAAAGACTGTGAGCTGAGCTGATTTGTAAGATCTGAGAACTTAAAGTTGAG 900
DB 841 TTTGGGAAAGACTGTGAGCTGAGCTGATTTGTAAGATCTGAGAACTTAAAGTTGAG 900
QY 901 GTTTTCAATTGCTGTATTTAAAAAATTAATGTTGCAATGTTTCAAGCTTACAGCTTACA 960
DB 901 GTTTTCAATTGCTGTATTTAAAAAATTAATGTTGCAATGTTTCAAGCTTACAGCTTACA 960
QY 961 CCAATATGTTGGAACAATTCAAGGGCTCAGAAAGATCAACCAAAATATGTTCTCAGA 1020
DB 961 CCAATATGTTGGAACAATTCAAGGGCTCAGAAAGATCAACCAAAATATGTTCTCAGA 1020
QY 1021 TGACTTGACTAATATATCTCAGCATCTTATCACTCTTCTGAGCACTTAAAGATAT 1080
DB 1021 TGACTTGACTAATATATCTCAGCATCTTATCACTCTTCTGAGCACTTAAAGATAT 1080
QY 1081 TCTCTCTGACGCAAGTTGGAATATTTTTTCTATCAGAAAGTATTTGCAAGAAATT 1140
DB 1081 TCTCTCTGACGCAAGTTGGAATATTTTTTCTATCAGAAAGTATTTGCAAGAAATT 1140
QY 1141 TTGACTACTCTGCTTTAATTTAATACAGTTTACAGGAAACCCCTGAAGTTTAAGTCA 1200
DB 1141 TTGACTACTCTGCTTTAATTTAATACAGTTTACAGGAAACCCCTGAAGTTTAAGTCA 1200
QY 1201 TTAATCTTATTAACATTTGAGAAATCGAGTATGATGATGACAGGGCTGGGCAAGAA 1260
DB 1201 TTAATCTTATTAACATTTGAGAAATCGAGTATGATGATGATGACAGGGCTGGGCAAGAA 1260
QY 1261 CAGGGGCACTAGCTGCTTATTAAGTAAATTTAGTCCCTCGTGTGAGCTTAAAGCTTGG 1320
DB 1261 CAGGGGCACTAGCTGCTTATTAAGTAAATTTAGTCCCTCGTGTGAGCTTAAAGCTTGG 1320
QY 1321 ACCCTTCTTTTGAATCCAAATAATTAACATTAACATGAAATTCATACATATGCTATT 1380
DB 1321 ACCCTTCTTTTGAATCCAAATAATTAACATTAACATGAAATTCATACATATGCTATT 1380
QY 1381 TAAAGTCAATAGATTTTACCTAATAAGTCTGACCAAGTAAATGTGTTAATTTGTGT 1440
```

DB 1381 TAAAGCATATAGTTTACGCTTAAGTCTTGACACAGTAACTGTTGTAATTTGTCT 1440  
QY 1441 ATGTTCCCAATGCCCCCACTTGCGATGCGGTCAGAGGTTGAGTTCACTATT 1500  
DB 1441 ATGTTCCCAATGCCCCCACTTGCGATGCGGTCAGAGGTTGAGTTCACTATT 1500  
QY 1501 AACAAATGCTAATATATCTCATAGAGGTACAGTGCATAGATTTCAATGTTGCATG 1560  
DB 1501 AACAAATGCTAATATATCTCATAGAGGTACAGTGCATAGATTTCAATGTTGCATG 1560  
QY 1561 TTGACCAAGGAGATTTATATCTGAAGACATACATATTAAATACCTTAGAGAAAG 1620  
DB 1561 TTGACCAAGGAGATTTATATCTGAAGACATACATATTAAATACCTTAGAGAAAG 1620  
QY 1621 ATTTGACCTGCTTTAGATTAACCTGTGCGCAAGAAAAATGTAATGAGCAATATATGAA 1680  
DB 1621 ATTTGACCTGCTTTAGATTAACCTGTGCGCAAGAAAAATGTAATGAGCAATATATGAA 1680  
QY 1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712  
DB 1681 ATTAACACACCTTTGTTAAAGTAAAAAAA 1712

RESULT 11  
US-10-035-977-1  
Sequence 1, Application US/10035977  
Publication No. US20030134327A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Gaddard, Audrey  
APPLICANT: Goddowski, Paul J.  
APPLICANT: Guiney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C10  
CURRENT APPLICATION NUMBER: US/10/035,977  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116643  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122

PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20

; PRIOR APPLICATION NUMBER: PCT/US01/21066  
 ; PRIOR FILING DATE: 2001-06-29  
 ; PRIOR APPLICATION NUMBER: PCT/US01/21735  
 ; PRIOR FILING DATE: 2001-07-09  
 ; NUMBER OF SEQ ID NOS: 80  
 ; SEQ ID NO 1  
 ; LENGTH: 1712  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 US-10-035-977-1

Query Match 100.0%; Score 1712; DB 15; Length 1712;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCCGAGAGACCAAGCTCCGAGCTCTGCTCTCTCTCAGGAGACTCGA 60  
 DB 1 GGCATCTGCCGAGAGACCAAGCTCCGAGCTCTGCTCTCTCTCAGGAGACTCGA 60  
 QY 61 GGCCTGTGAGAAATCATGCTTTGGAGGAGCTCATCTATTGGCAACTGCTGGCTTGT 120  
 DB 61 GGCCTGTGAGAAATCATGCTTTGGAGGAGCTCATCTATTGGCAACTGCTGGCTTGT 120  
 QY 121 TTTCTCTCTTTTCTGCTGCTGCTGCTCAAGATGAATACATGAGTCTCCAAACCGAGACT 180  
 DB 121 TTTCTCTCTTTTCTGCTGCTGCTGCTCAAGATGAATACATGAGTCTCCAAACCGAGACT 180  
 QY 181 ACCCCAGACTGAGTAAGTGTTCATGAGAGACTACAGCTTTGGAGGCTCAAGAGCC 240  
 DB 181 ACCCCAGACTGAGTAAGTGTTCATGAGAGACTACAGCTTTGGAGGCTCAAGAGCC 240  
 QY 241 CCCTGGGCGCACCGGCGCTCTGCGATTCAGAGAAACCATGGAAACAATGGCAACAATGG 300  
 DB 241 CCCTGGGCGCACCGGCGCTCTGCGATTCAGAGAAACCATGGAAACAATGGCAACAATGG 300  
 QY 301 AGCCACTGCTCATGAAAGAGCCAAAGGTGAGAGGGCGCAAAAGGTGACTGGGGCTCG 360  
 DB 301 AGCCACTGCTCATGAAAGAGCCAAAGGTGAGAGGGCGCAAAAGGTGACTGGGGCTCG 360  
 QY 361 AGGGAGAGGGGGGCGAGCATGAGCCCAAGAGAGAGAGGCTACCGGGGATTCACACAGA 420  
 DB 361 AGGGAGAGGGGGGCGAGCATGAGCCCAAGAGAGAGAGGCTACCGGGGATTCACACAGA 420  
 QY 421 ACTTCAGATTGCAATCATGCTTCTCTGGCAACCCACTTCAGCAATCGAAGTGGAT 480  
 DB 421 ACTTCAGATTGCAATCATGCTTCTCTGGCAACCCACTTCAGCAATCGAAGTGGAT 480  
 QY 481 TATCTTCAGCACTGTTGAGACCAACATTGAAAATTCTTTGATGTCATGACTGTGATTT 540  
 DB 481 TATCTTCAGCACTGTTGAGACCAACATTGAAAATTCTTTGATGTCATGACTGTGATTT 540  
 QY 541 TGGGGCCCAAGTATAGAGTGTATTTCTCACTTCAGCATGAGTGAAGCATGAGATGT 600  
 DB 541 TGGGGCCCAAGTATAGAGTGTATTTCTCACTTCAGCATGAGTGAAGCATGAGATGT 600  
 QY 601 TGAGGAAGTGTATGTACTTATGCAATGCAACAGCTTCAGCAATGCAAGTGA 660  
 DB 601 TGAGGAAGTGTATGTACTTATGCAATGCAACAGCTTCAGCAATGCAAGTGA 660  
 QY 661 TGAATATGAAGGCAATCATGATATCCAGCAATCATCTGTGCTGAGAGTGAAGG 720  
 DB 661 TGAATATGAAGGCAATCATGATATCCAGCAATCATCTGTGCTGAGAGTGAAGG 720  
 QY 721 GGATGAGGTTGGCTGGCAATGGGCAATGGGCTCTCCATGGGAGCCCAACGCTTCTC 780  
 DB 721 GGATGAGGTTGGCTGGCAATGGGCAATGGGCTCTCCATGGGAGCCCAACGCTTCTC 780  
 QY 781 CACCTTTGAGAGATTCTGCTCTTTGAAACTAAGTAATATATGACTGAATAGCTCCAC 840  
 DB 781 CACCTTTGAGAGATTCTGCTCTTTGAAACTAAGTAATATATGACTGAATAGCTCCAC 840  
 QY 841 TTTGGGGAAGACTTGTAGCTGAGTGTGATCTGAGATCTGAGGAACATTAAGTTGAGG 900  
 DB 841 TTTGGGGAAGACTTGTAGCTGAGTGTGATCTGAGATCTGAGGAACATTAAGTTGAGG 900

DB 841 TTTGGGGAAGACTTGTAGCTGAGTGTGATCTGAGATCTGAGGAACATTAAGTTGAGG 900  
 QY 901 GTTTTACATGCTGATTCAAAATAATTTGGTGGCAATGTTGTCAGCTACAGGTACA 960  
 DB 901 GTTTTACATGCTGATTCAAAATAATTTGGTGGCAATGTTGTCAGCTACAGGTACA 960  
 QY 961 CCAATATGTTGAGCAATTCAGGGGCTCAGAGAAATCAACCAAAATAGTCTTCAGA 1020  
 DB 961 CCAATATGTTGAGCAATTCAGGGGCTCAGAGAAATCAACCAAAATAGTCTTCAGA 1020  
 QY 1021 TGACCTTGACTAATATATCTCAGCAATCTTATGACTCTTCTCTGGCACTTAAGATAT 1080  
 DB 1021 TGACCTTGACTAATATATCTCAGCAATCTTATGACTCTTCTCTGGCACTTAAGATAT 1080  
 QY 1081 TCTCTCTGACGAGGTGGAAATATTTTCTATCAAGAGTCAATTCGAAGAAAT 1140  
 DB 1081 TCTCTCTGACGAGGTGGAAATATTTTCTATCAAGAGTCAATTCGAAGAAAT 1140  
 QY 1141 TTGACTACTCTGCTTTAATTTAATACAGTTTTCAGGAACCCCTGAAGTTTAAATTCA 1200  
 DB 1141 TTGACTACTCTGCTTTAATTTAATACAGTTTTCAGGAACCCCTGAAGTTTAAATTCA 1200  
 QY 1201 TTAATTTTATTAACATTTGAGAGAAATCGGATGTATGATATGACAGGCTGGGCAAGAA 1260  
 DB 1201 TTAATTTTATTAACATTTGAGAGAAATCGGATGTATGATATGACAGGCTGGGCAAGAA 1260  
 QY 1261 CAGGGGCACTAGCTGCTTATAGCTAATTTAGTCCCTCGGTGTTACAGCTTAGCCTTGG 1320  
 DB 1261 CAGGGGCACTAGCTGCTTATAGCTAATTTAGTCCCTCGGTGTTACAGCTTAGCCTTGG 1320  
 QY 1321 ACCCTTCTCTTTGATTCACAAATAATCAATTAATCTGAAATTCACATACATGCTAATTT 1380  
 DB 1321 ACCCTTCTCTTTGATTCACAAATAATCAATTAATCTGAAATTCACATACATGCTAATTT 1380  
 QY 1381 TAAAGTCAATTAATTTTACTCTAAGAGCTTGAACCAATGATATGCTGTTATTTTGTCT 1440  
 DB 1381 TAAAGTCAATTAATTTTACTCTAAGAGCTTGAACCAATGATATGCTGTTATTTTGTCT 1440  
 QY 1441 ATGTTCCCCCAATGAGCCCCCAACTTGGAGTGGGGTCAAGAGGTTGAGGTTCACTATT 1500  
 DB 1441 ATGTTCCCCCAATGAGCCCCCAACTTGGAGTGGGGTCAAGAGGTTGAGGTTCACTATT 1500  
 QY 1501 AACCAATGTCATTAATATCTCATAGAGTACAGTCCCAATAGATATTCAAATGTTGCATG 1560  
 DB 1501 AACCAATGTCATTAATATCTCATAGAGTACAGTCCCAATAGATATTCAAATGTTGCATG 1560  
 QY 1561 TTGACCAAGAGGATTTATATCTGAAAGACATACATATTAATTAATACCTTAGGAAG 1620  
 DB 1561 TTGACCAAGAGGATTTATATCTGAAAGACATACATATTAATTAATACCTTAGGAAG 1620  
 QY 1621 ATTTGACCTGGCTTATAGTAAACCTGAGGCAAGAAATGTAATGAGCAATATATGGA 1680  
 DB 1621 ATTTGACCTGGCTTATAGTAAACCTGAGGCAAGAAATGTAATGAGCAATATATGGA 1680  
 QY 1681 ATTAACACACTTTGTTAAAGATTAATAAAAAA 1712  
 DB 1681 ATTAACACACTTTGTTAAAGATTAATAAAAAA 1712

## RESULT 12

US-10-884-091-1  
 ; Sequence 1, Application US/10884091  
 ; Publication No. US2004026596A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Batton, Dan L.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING  
FILE REFERENCE: P3030R1C1C1  
CURRENT FILING DATE: 2004-07-01  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-884-091-1

Query Match 100.0%; Score 1712; DB 18; Length 1712;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1712; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTCTGCTCTCTTCAGGAGACTCTGA 60  
DB 1 GGCATCTGCCGAGAGACCAAGCTCTGAGCTCTGCTCTCTTCAGGAGACTCTGA 60  
QY 61 GGCCTGTGGAATATAGCTTTGGAGCAGCTCATCTATTTGGCACTGTGCTTTGTT 120  
DB 61 GGCCTGTGGAATATAGCTTTGGAGCAGCTCATCTATTTGGCACTGTGCTTTGTT 120  
QY 121 TTTCTCTCTTTTGGCTGTGTCAGATGAATACATGAGTCTCCCAAAACCGAGGACT 180  
DB 121 TTTCTCTCTTTTGGCTGTGTCAGATGAATACATGAGTCTCCCAAAACCGAGGACT 180  
QY 181 ACCCCAGACTGAGTAAGTGTGTCATGAGACTACAGCTTTGAGGCTACCAAGGCC 240  
DB 181 ACCCCAGACTGAGTAAGTGTGTCATGAGACTACAGCTTTGAGGCTACCAAGGCC 240  
QY 241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACATGAGAAACATGAGCAATG 300  
DB 241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACATGAGAAACATGAGCAATG 300  
QY 241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACATGAGAAACATGAGCAATG 300  
DB 241 CCCTGGCCACCGGGCCCTCTGAGCATTCAGAGAAACATGAGAAACATGAGCAATG 300  
QY 301 AGCCTGTGTCATGAGAGCAAAAGTGAAGAGGCGCAAAAGTGAAGCTCTGAGGCTCG 360  
DB 301 AGCCTGTGTCATGAGAGCAAAAGTGAAGAGGCGCAAAAGTGAAGCTCTGAGGCTCG 360  
QY 361 AGGAGAGCGGGGAGCATGAGCCCAAGAGAGAAAGGCTACCCGGGGAATTCACACAG 420  
DB 361 AGGAGAGCGGGGAGCATGAGCCCAAGAGAGAAAGGCTACCCGGGGAATTCACACAG 420  
QY 421 ACTTGAGATTGATGATGAGCTTCTGCAACCCATTGAGAAATCAAGAGCTGGAGAT 480  
DB 421 ACTTGAGATTGATGATGAGCTTCTGCAACCCATTGAGAAATCAAGAGCTGGAGAT 480  
QY 481 TATCTTCAGCAGTGTGAGCAAACTTTGAAATCTTTGATGTGATGCTGTGATGTT 540  
DB 481 TATCTTCAGCAGTGTGAGCAAACTTTGAAATCTTTGATGTGATGCTGTGATGTT 540

QY 541 TGGGGCCCGAGATCAGGTGTATTTCTTCACTTCAGACTGATGAAACATGAGATGT 600  
DB 541 TGGGGCCCGAGATCAGGTGTATTTCTTCACTTCAGACTGATGAAACATGAGATGT 600  
QY 601 TGAAGAGGTATGTATCTTATGCAAAATGAGCAACAGCTTCAGAGTGAAGCTA 660  
DB 601 TGAAGAGGTATGTATCTTATGCAAAATGAGCAACAGCTTCAGAGTGAAGCTA 660  
QY 661 TGAATGAAGGCAATCAGATATCCAGCAATGCTGTGCTGAAGCTAGCCAAAG 720  
DB 661 TGAATGAAGGCAATCAGATATCCAGCAATGCTGTGCTGAAGCTAGCCAAAG 720  
QY 721 GATGAGTTTGGCTGCGCAATGAGGCGCTCTCCATGGGAGCAACCAAGCTTCTC 780  
DB 721 GATGAGTTTGGCTGCGCAATGAGGCGCTCTCCATGGGAGCAACCAAGCTTCTC 780  
QY 781 CACTTTGAGAGATTCCTGCTCTTTGAAACTAAGTAAATATGACTAATAGCTCCAC 840  
DB 781 CACTTTGAGAGATTCCTGCTCTTTGAAACTAAGTAAATATGACTAATAGCTCCAC 840  
QY 841 TTTGGGGAAGACTGTAGCTGAGCTGATTTGTAAGATGAGAAATTAAGTTGAG 900  
DB 841 TTTGGGGAAGACTGTAGCTGAGCTGATTTGTAAGATGAGAAATTAAGTTGAG 900  
QY 901 GTTTTACATTTGCTGATTTCAAAAATTAATGTTGCAATGTTTCAAGCTTCA 960  
DB 901 GTTTTACATTTGCTGATTTCAAAAATTAATGTTGCAATGTTTCAAGCTTCA 960  
QY 961 CCAATATGTTGAGCAATTCAGGGGCTCAGAAAGATCAACCAAAATAGCTTTCAGA 1020  
DB 961 CCAATATGTTGAGCAATTCAGGGGCTCAGAAAGATCAACCAAAATAGCTTTCAGA 1020  
QY 1021 TGACCTTGACTAATATCTCAGCATCTTATGACTCTTTCCTTGGCACTTAAAGATAT 1080  
DB 1021 TGACCTTGACTAATATCTCAGCATCTTATGACTCTTTCCTTGGCACTTAAAGATAT 1080  
QY 1081 TCTCTCTGAGCAGAGTTGGAATATTTTTCATACAGAAAGCTTTGCAAAAGAT 1140  
DB 1081 TCTCTCTGAGCAGAGTTGGAATATTTTTCATACAGAAAGCTTTGCAAAAGAT 1140  
QY 1141 TTGACTACTCTGCTTTAATTTAATACAGTTTACAGAAACCCGGAAGTTTAAGTTCA 1200  
DB 1141 TTGACTACTCTGCTTTAATTTAATACAGTTTACAGAAACCCGGAAGTTTAAGTTCA 1200  
QY 1201 TTAATCTTTAATACTTTGAGAAATCGAGTATGATATGACAGGCTGGGCAAGAA 1260  
DB 1201 TTAATCTTTAATACTTTGAGAAATCGAGTATGATATGACAGGCTGGGCAAGAA 1260  
QY 1261 CAGGGGCACTAGCTGCTTATTAAGTAAATTTAGTCCCTGCTTACCTTATGCTTTG 1320  
DB 1261 CAGGGGCACTAGCTGCTTATTAAGTAAATTTAGTCCCTGCTTACCTTATGCTTTG 1320  
QY 1321 ACCCTTCTTTGATCCCAAAATACATTAACCTGTAATTCACATGCAATGCTATTT 1380  
DB 1321 ACCCTTCTTTGATCCCAAAATACATTAACCTGTAATTCACATGCAATGCTATTT 1380  
QY 1381 TAAAGTCAATAGATTTTGAATTAAGTCTTGAACAGTATGATGATTTTGTGT 1440  
DB 1381 TAAAGTCAATAGATTTTGAATTAAGTCTTGAACAGTATGATGATTTTGTGT 1440  
QY 1441 ATGTTCCCGCAATGCGCCCACTTGGAGTGTGGGTGAGAGGTTGAGGTTCACTATT 1500  
DB 1441 ATGTTCCCGCAATGCGCCCACTTGGAGTGTGGGTGAGAGGTTGAGGTTCACTATT 1500  
QY 1501 AACCAATGTCATTAATATCTCATAGAGTACAGTGCATATGATATTTCAATGTTGCATG 1560  
DB 1501 AACCAATGTCATTAATATCTCATAGAGTACAGTGCATATGATATTTCAATGTTGCATG 1560  
QY 1561 TTGACCAAGGAGATTTTATATCTGAGAAACATACATATTAATTAATCCTTAGAGAAAG 1620  
DB 1561 TTGACCAAGGAGATTTTATATCTGAGAAACATACATATTAATTAATCCTTAGAGAAAG 1620



Qy 1621 ATTTGACCTGCTTTAGATATAAAGTGGCAAGAAAATGTAAATGACATATATGAAA 1680  
Db ATTTGACCTGCTTTAGATATAAAGTGGCAAGAAAATGTAAATGACATATATGAAA 1680  
Qy 1681 ATTAACACACCTTTTGTAAAGTAAAAAAA 1712  
Db ATTAACACACCTTTTGTAAAGTAAAAAAA 1712

## RESULT 13

US-10-012-605C-3  
; Sequence 3, Application US/10012605C  
; Publication No. US20030104602A1  
; GENERAL INFORMATION:  
; APPLICANT: Haldeman, Betty A.  
; APPLICANT: Thayer, Edward C.  
; APPLICANT: Sheppard, Paul O.  
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN  
; FILE REFERENCE: 00-111  
; CURRENT APPLICATION NUMBER: US/10/012,605C  
; PRIOR FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: US 60/254,019  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 1696  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (69)...(806)  
US-10-012-605C-3

Query Match 99.1%; Score 1696; DB 15; Length 1696;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 CCGGAGAGACCAAGCTCTGAGAGCTGCTGCTCTTCCAGGAGACCTTGAGCTCTGT 68  
Db 1 CCGGAGAGACCAAGCTCTGAGAGCTGCTGCTCTTCCAGGAGACCTTGAGCTCTGT 60  
Qy 69 TGAGATCATGCTTTGGAGGAGCTCATCTATTGGCACTGCTGGCTTTGTTTCTCC 128  
Db 61 TGAGATCATGCTTTGGAGGAGCTCATCTATTGGCACTGCTGGCTTTGTTTCTCC 120  
Qy 129 CTTTTCCTGTGCAAGATGATATCATGAGTCTCCAAACCGAGAGACTACCCCGAG 188  
Db 121 CTTTTCCTGTGCAAGATGATATCATGAGTCTCCAAACCGAGAGACTACCCCGAG 180  
Qy 169 ACTGAGTAAAGTTGTATGATGAGACTACGCTTTCGAGGCTTACCAAGCCCTTGGGC 248  
Db 181 ACTGAGTAAAGTTGTATGATGAGACTACGCTTTCGAGGCTTACCAAGCCCTTGGGC 240  
Qy 249 CACCGGCTCTCTGAGATTCAGAGAAACATGAAACATATGGCAACATGGAGCACTG 308  
Db 241 CACCGGCTCTCTGAGATTCAGAGAAACATGAAACATATGGCAACATGGAGCACTG 300  
Qy 309 GTGATGAAAGAGCCAAAGGTGAGAGGCGCAAAAGGTGACCTGGGGCTTGAAGGAGAGC 368  
Db 301 GTGATGAAAGAGCCAAAGGTGAGAGGCGCAAAAGGTGACCTGGGGCTTGAAGGAGAGC 360  
Qy 369 GGGGGCAGATGCCCCCAAGAGAGAGAGGCTACCCGGGGATTCACCAACATTTGAGA 428  
Db 361 GGGGGCAGATGCCCCCAAGAGAGAGAGGCTACCCGGGGATTCACCAACATTTGAGA 420  
Qy 429 TTGATTCATGCTCTCTGCAACCACTTCAGCAATCAGAACTGAGTGGATTTATCTCA 488  
Db 421 TTGATTCATGCTCTCTGCAACCACTTCAGCAATCAGAACTGAGTGGATTTATCTCA 480  
Qy 489 GCAAGTTTGAAGCAACATTTGAAAATTCTTTGATGTATGATGATTTGGGGGCC 548  
Db 481 GCAAGTTTGAAGCAACATTTGAAAATTCTTTGATGTATGATGATTTGGGGGCC 540  
Qy 549 CAGTATCAGATGATATTTCTACCTTCAGATGATGAGATGAGATGTTGAGAG 608  
Db 541 CAGTATCAGATGATATTTCTACCTTCAGATGATGAGATGAGATGTTGAGAG 600  
Qy 609 TGTATGTACCTTATGCAACATGGCAACACAGTCTTGAGATGATGATGATGATG 668  
Db 601 TGTATGTACCTTATGCAACATGGCAACACAGTCTTGAGATGATGATGATGATG 660  
Qy 669 AGGCAATCAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 728  
Db 661 AGGCAATCAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 720  
Qy 729 TTTGCTGAGATGAGGCAATGAGGCTTCATGAGGAGCAACCAAGCTTTCACCTTG 788  
Db 721 TTTGCTGAGATGAGGCAATGAGGCTTCATGAGGAGCAACCAAGCTTTCACCTTG 780  
Qy 789 CAGATTCCTGCTCTTGAACCTAAGTAAATATGATGATGATGATGATGATGATG 848  
Db 781 CAGATTCCTGCTCTTGAACCTAAGTAAATATGATGATGATGATGATGATGATG 840  
Qy 849 AGACTGTAGCTGAGCTGATTTGTTACATCTGAGAAACATTAAGTTGAGGTTTCA 908  
Db 841 AGACTGTAGCTGAGCTGATTTGTTACATCTGAGAAACATTAAGTTGAGGTTTCA 900  
Qy 909 TTGCTGATTCAAAAAATTAATGTTGCAATGTTGCAAGCTTACAGGATCAATAT 968  
Db 901 TTGCTGATTCAAAAAATTAATGTTGCAATGTTGCAAGCTTACAGGATCAATAT 960  
Qy 969 GTTGCAATTCAGGGGCTCAGAAATCAACCAAAATATGCTTCTCAGATGACCTTG 1028  
Db 961 GTTGCAATTCAGGGGCTCAGAAATCAACCAAAATATGCTTCTCAGATGACCTTG 1020  
Qy 1029 ACTAATATCTCAGATCTTTATCACTCTTCTTGCGCACTTAAGATATCTCTCT 1088  
Db 1021 ACTAATATCTCAGATCTTTATCACTCTTCTTGCGCACTTAAGATATCTCTCT 1080  
Qy 1089 GAGCAGATGAGAAATATTTTCTATCAGAAAGCTATTTGCAAGATTTTGAATAC 1148  
Db 1081 GAGCAGATGAGAAATATTTTCTATCAGAAAGCTATTTGCAAGATTTTGAATAC 1140  
Qy 1149 TCTGCTTTAATTTATATCAAGTTTTCAGAAACCCCTGAAGTTTAACTTATCTT 1208  
Db 1141 TCTGCTTTAATTTATATCAAGTTTTCAGAAACCCCTGAAGTTTAACTTATCTT 1200  
Qy 1209 TATTAATTTGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATG 1268  
Db 1201 TATTAATTTGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATG 1260  
Qy 1269 CTAGCTGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1328  
Db 1261 CTAGCTGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1320  
Qy 1329 CTTTTCATCAGAAATATCATTAAATCTGTAATTCATATCAATGCTATTTAAAGTCA 1388  
Db 1321 CTTTTCATCAGAAATATCATTAAATCTGTAATTCATATCAATGCTATTTAAAGTCA 1380  
Qy 1389 ATAGATTTAGCTATTAAGTCTTGAACAGTATGTTGTTAATTTGTTGATGTTCC 1448  
Db 1381 ATAGATTTAGCTATTAAGTCTTGAACAGTATGTTGTTAATTTGTTGATGTTCC 1440  
Qy 1449 CCACATGCCCCCACTTGAGATGAGGCTCAGAGGTTGAGGTTCACTATTAACAAATG 1508  
Db 1441 CCACATGCCCCCACTTGAGATGAGGCTCAGAGGTTGAGGTTCACTATTAACAAATG 1500  
Qy 1509 TCATAATATCTCATAGAGTACAGTGCATATAGATATTAATTTGATGATGATGATG 1568  
Db 1501 TCATAATATCTCATAGAGTACAGTGCATATAGATATTAATTTGATGATGATGATG 1560  
Qy 1569 AGGATTTTATATCTGAGAAACATCACTATTAATTAATCTTGAAGAGATTTTGAC 1628  
Db 1561 AGGATTTTATATCTGAGAAACATCACTATTAATTAATCTTGAAGAGATTTTGAC 1620



Query 1629 CTGGCTTGAATAACTGTGGCAAGAAAATGTATATGCAATATATGGAATAAACAC 1688  
Db 1621 CTGGCTTGAATAACTGTGGCAAGAAAATGTATATGCAATATATGGAATAAACAC 1680  
Query 1689 ACCCTTGTAAAGATA 1704  
Db 1681 ACCCTTGTAAAGATA 1696

RESULT 14  
US-10-321-164-1  
; Sequence 1, Application US/10321164  
; Publication No. US20030165530A1  
; GENERAL INFORMATION:  
; APPLICANT: Piddington, Christopher S.  
; APPLICANT: Bishop, Paul  
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR3  
; FILE REFERENCE: 99-09  
; CURRENT APPLICATION NUMBER: US/10/321,164  
; CURRENT FILING DATE: 2002-12-17  
; PRIOR APPLICATION NUMBER: US/09/552,225A  
; PRIOR FILING DATE: 2000-04-19  
; PRIOR APPLICATION NUMBER: 60/130,199  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1  
; LENGTH: 1696  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (69)...(806)  
US-10-321-164-1

Query Match 99.1%; Score 1696; DB 16; Length 1696;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 9 CCGGAGAGAGACCAAGCTCTGAGAGCTCTGCTCTTCTGAGGAGAGACTGAGGCTCTGT 68  
Db 1 CCGGAGAGAGACCAAGCTCTGAGAGCTCTGCTCTTCTGAGGAGAGACTGAGGCTCTGT 60  
Query 69 TGAAGATCAATGCTTTGAGAGAGAGCTATCTATTTGGCACTGTGCTTTGTTTCTCC 128  
Db 61 TGAAGATCAATGCTTTGAGAGAGAGCTATCTATTTGGCACTGTGCTTTGTTTCTCC 120  
Query 129 CTTTTCCTGCTGTCAAGTGAATACATGAGTCTTCACAAACCGAGAGACTACCCCGAG 188  
Db 121 CTTTTCCTGCTGTCAAGTGAATACATGAGTCTTCACAAACCGAGAGACTACCCCGAG 180  
Query 189 ACTGAGTAAGTGTGATGAGAGCTACAGCTTTTGAAGGCTAACCAAGGCCCCCTGGGAG 248  
Db 181 ACTGAGTAAGTGTGATGAGAGCTACAGCTTTTGAAGGCTAACCAAGGCCCCCTGGGAG 240  
Query 249 CACCGGAGCTCTGAGATTTCCAGGAAACCATGAAACCAATGAGCAACAAATGAGAGCCACTG 308  
Db 241 CACCGGAGCTCTGAGATTTCCAGGAAACCATGAAACCAATGAGAGAGCCACTG 300  
Query 309 GTCATGAAAGAGACCAAGGTGAGAAAGGGGAGCAAAAGGTGACTGGGGCTCCGAGGGAGAGC 368  
Db 301 GTCATGAAAGAGACCAAGGTGAGAAAGGGGAGCAAAAGGTGACTGGGGCTCCGAGGGAGAGC 360  
Query 369 GGGGAGAGATGGCCCCCAAGAGAGAGAGGGCTACCCGGGAGATTCCACAGAACTTCAGA 428  
Db 361 GGGGAGAGATGGCCCCCAAGAGAGAGAGGGCTACCCGGGAGATTCCACAGAACTTCAGA 420  
Query 429 TTGCATTCATGAGCTTCTGAGCAACCCACTTCAGCAATGAGAAACAGTGGAGATTATCTTCA 488  
Db 421 TTGCATTCATGAGCTTCTGAGCAACCCACTTCAGCAATGAGAAACAGTGGAGATTATCTTCA 480  
Query 489 GAGAGTTGAGACCAACATTTGAAACTTTTGATGTATGACTGTGATTTGGGGCCC 548

Db 481 GAGAGTTGAGACCAACATTTGAAACTTTTGATGTATGACTGTGATTTGGGGCCC 540  
Query 549 CAGTATCAGTGTGTATTTCTTCACTTCAGAGATGAGAGATGAGATGTTGAGAGAG 608  
Db 541 CAGTATCAGTGTGTATTTCTTCACTTCAGAGATGAGAGATGAGATGTTGAGAGAG 600  
Query 609 TGTATGTACTTATGCAAAATGGCAACAGCTCTTCAGCATGTACACTATGAAATGA 668  
Db 601 TGTATGTACTTATGCAAAATGGCAACAGCTCTTCAGCATGTACACTATGAAATGA 660  
Query 669 AGGGAATCAGATTCATCAGCAATCCATGCTGTGTGAGAGTACGCAAGGGAGTGAAG 728  
Db 661 AGGGAATCAGATTCATCAGCAATCCATGCTGTGTGAGAGTACGCAAGGGAGTGAAG 720  
Query 729 TTTGCTGGAGATGGGCAATGGCGCTTCATGAGGAGACCAAGAGCTTCCACCTTGG 788  
Db 721 TTTGCTGGAGATGGGCAATGGCGCTTCATGAGGAGACCAAGAGCTTCCACCTTGG 780  
Query 789 CAGATTCCTGCTCTTTGAAACTGAATATATGACTGAAATAGCTCCACTTTGGGGA 848  
Db 781 CAGATTCCTGCTCTTTGAAACTGAATATATGACTGAAATAGCTCCACTTTGGGGA 840  
Query 849 AAGCTTGTAGCTGAGCTGATTTGTTTGAATCAGATCTGAGGAGACATTTAAGGTTTACA 908  
Db 841 AAGCTTGTAGCTGAGCTGATTTGTTTGAATCAGATCTGAGGAGACATTTAAGGTTTACA 900  
Query 909 TTGCTGTATTCAAAAATTTATGTTGCAATGTGTTGTCAGCTACAGTACCAATAT 968  
Db 901 TTGCTGTATTCAAAAATTTATGTTGCAATGTGTTGTCAGCTACAGTACCAATAT 960  
Query 969 GTTGGACATTCAGGGGCTCAGAGAGATCAACCAAAATAGCTTTCTCAGATGACCTTG 1028  
Db 961 GTTGGACATTCAGGGGCTCAGAGAGATCAACCAAAATAGCTTTCTCAGATGACCTTG 1020  
Query 1029 ACTAATATCTAGATCTTTATCACTCTTCTGAGAGCTTGAAGATTAATTCCTCT 1088  
Db 1021 ACTAATATCTAGATCTTTATCACTCTTCTGAGAGCTTGAAGATTAATTCCTCT 1080  
Query 1089 GAGCAGGTGAGAAATTTTCTATCAGAAAGTCTTTGCAAGAAATTTTGACTAC 1148  
Db 1081 GAGCAGGTGAGAAATTTTCTATCAGAAAGTCTTTGCAAGAAATTTTGACTAC 1140  
Query 1149 TCTGCTTTAATTAATACAGTTTCAAGAAACCCCTGAAGTTTATGATTAATCTT 1208  
Db 1141 TCTGCTTTAATTAATACAGTTTCAAGAAACCCCTGAAGTTTATGATTAATCTT 1200  
Query 1209 TATAATTTGAGAAATCGATGTAGATATGACAGGAGCTGGGCAAGAACAGGGGGA 1268  
Db 1201 TATAATTTGAGAAATCGATGTAGATATGACAGGAGCTGGGCAAGAACAGGGGGA 1260  
Query 1269 CTAGGCTCTTATGATTAATTTAGGCTCCGAGTTGAGCTTGAACCTTTC 1328  
Db 1261 CTAGGCTCTTATGATTAATTTAGGCTCCGAGTTGAGCTTGAACCTTTC 1320  
Query 1329 CTTTGTATCCAAATAATCAATTAATCTGTAATTCATATCAATGATTAATTTAAAGTCA 1388  
Db 1321 CTTTGTATCCAAATAATCAATTAATCTGTAATTCATATCAATGATTAATTTAAAGTCA 1380  
Query 1389 ATAGATTTTAAAGTATTAAGTGTGACAGATATGAGTGTAAATTTTGTATGTTCCC 1448  
Db 1381 ATAGATTTTAAAGTATTAAGTGTGACAGATATGAGTGTAAATTTTGTATGTTCCC 1440  
Query 1449 CCACATCGCCCCCACTTCAGATGTGTGGGTGAGAGGTTGAGGTTCACTATTAAACAAATG 1508  
Db 1441 CCACATCGCCCCCACTTCAGATGTGTGGGTGAGAGGTTGAGGTTCACTATTAAACAAATG 1500  
Query 1509 TCATATAATCTCATAGAGGTACAGTGCATATGATATTCAAATGTGTGATGTGACGAG 1568  
Db 1501 TCATATAATCTCATAGAGGTACAGTGCATATGATATTCAAATGTGTGATGTGACGAG 1560  
Query 1569 AGGATTTTATCTGAGAGACATCACTATTAAATATCTTGAAGAAAGATTTTGCAG 1628

Db 1561 AGGATTTTATATCTGAAGACATACACTATTATAATACCTTAGAGAAAGATTTTGAC 1620  
Qy 1629 CTGGCTTTTATGATTAATCTGTGGCAAGAAATGTATATAGCAATATATGAAATTAAC 1688  
Db 1621 CTGGCTTTTATGATTAATCTGTGGCAAGAAATGTATATAGCAATATATGAAATTAAC 1680  
Qy 1689 ACCTTTGTAAAGATA 1704  
Db 1681 ACCTTTGTAAAGATA 1696  
RESULT 15  
US-10-719-205-3  
Sequence 3, Application US/10719205  
Publication No. US20040086971A1  
GENERAL INFORMATION:  
APPLICANT: Haldeman, Betty A.  
APPLICANT: Thayer, Edward C.  
APPLICANT: Sheppard, Paul O.  
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN  
TITLE OF INVENTION: ZACRP3X2  
FILE REFERENCE: 00-111  
CURRENT APPLICATION NUMBER: US/10/719,205  
CURRENT FILING DATE: 2003-11-21  
PRIOR APPLICATION NUMBER: US/10/012,605C  
PRIOR FILING DATE: 2002-08-14  
PRIOR APPLICATION NUMBER: US 60/254,019  
PRIOR FILING DATE: 2000-12-07  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 1696  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (69)...(806)  
US-10-719-205-3  
Query Match 99.1%; Score 1696; DB 17; Length 1696;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1696; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 421 TTGCATTATGAGCTTCTCTGGCAACCACTTCAGCAATCAGAAACAGTGGATTATCTTCA 480  
Qy 489 GCACTTTGAGAACCAATTTGAAATCTTTTGAATGTCATGACTGTGATATTTGGGGCCC 548  
Db 481 GCAGTGTGAGACCAATTTGAAATCTTTTGAATGTCATGACTGTGATATTTGGGGCCC 540  
Qy 549 CAGTATCAGGTGTATTTCTTCACTTCAGCATATGAAAGCATGAGATGTTGAGAG 608  
Db 541 CAGTATCAGGTGTATTTCTTCACTTCAGCATATGAAAGCATGAGATGTTGAGAG 600  
Qy 609 TGTATGTATCTTATGCAAAATGCAACAGCTCTTCAGATGTATGATATGAAATGA 668  
Db 601 TGTATGTATCTTATGCAAAATGCAACAGCTCTTCAGATGTATGATATGAAATGA 660  
Qy 669 AGGGCAATCAGATATATCAGCAATCATGCTGTGTGAAGTATGCAAGGGGATGAG 728  
Db 661 AGGGCAATCAGATATATCAGCAATCATGCTGTGTGAAGTATGCAAGGGGATGAG 720  
Qy 729 TTTGGCTGGGAATGGGCAATGGGCTCTCCATGGGGACCAACAGCTTTCACCTTGG 788  
Db 721 TTTGGCTGGGAATGGGCAATGGGCTCTCCATGGGGACCAACAGCTTTCACCTTGG 780  
Qy 789 CAGATTTCTGCTCTTGAATGAATATATATGATGATATGATGATGATGATGATG 848  
Db 781 CAGATTTCTGCTCTTGAATGAATATATATGATGATGATGATGATGATGATGATG 840  
Qy 849 AGACTGTATGCTGATGATTTGTTACATCTGAGAAACATTAAGTTGAGGGTTTACA 908  
Db 841 AGACTGTATGCTGATGATTTGTTACATCTGAGAAACATTAAGTTGAGGGTTTACA 900  
Qy 909 TTGCTGTATTTCAAAAATATATGTTGTTGCAATGTTGTTGCAAGTTGCAAGTTG 968  
Db 901 TTGCTGTATTTCAAAAATATATGTTGTTGCAATGTTGTTGCAAGTTGCAAGTTG 960  
Qy 969 GTTGAACAATCAGGGGCTCAGAAAGATCAACCAAAATAGCTTTCAGATGACCTTG 1028  
Db 961 GTTGAACAATCAGGGGCTCAGAAAGATCAACCAAAATAGCTTTCAGATGACCTTG 1020  
Qy 1029 ACTAATATCTAGCATCTTTATCACTCTTCTTGGCACTTAAAGATATTTCTCTCT 1088  
Db 1021 ACTAATATCTAGCATCTTTATCACTCTTCTTGGCACTTAAAGATATTTCTCTCT 1080  
Qy 1089 GACGAGTTGGAATATTTTCTTATCAGAAAGCTTTCAGAAAGATTTGACTAC 1148  
Db 1081 GACGAGTTGGAATATTTTCTTATCAGAAAGCTTTCAGAAAGATTTGACTAC 1140  
Qy 1149 TCTGCTTTTATTTATACAGTTTTCAGAAAGCTTTCAGAAAGATTTGACTAC 1208  
Db 1141 TCTGCTTTTATTTATACAGTTTTCAGAAAGCTTTCAGAAAGATTTGACTAC 1200  
Qy 1209 TATTAATTTGAGAAATGAGATGTATGTATGACAGGGGCTGGGGCAAGAACAGGGGCA 1268  
Db 1201 TATTAATTTGAGAAATGAGATGTATGTATGACAGGGGCTGGGGCAAGAACAGGGGCA 1260  
Qy 1269 CTAGCTGCTTATTTAGCAATTTAGAGCCCTCGGTTGAGCTTTCAGCTTTCAGCTTTC 1328  
Db 1261 CTAGCTGCTTATTTAGCAATTTAGAGCCCTCGGTTGAGCTTTCAGCTTTCAGCTTTC 1320  
Qy 1329 CTTTGTATCCAAATATATTTTCTGATATTTTTCAGATTTTTCAGATTTTTCAGATTT 1388  
Db 1321 CTTTGTATCCAAATATATTTTCTGATATTTTTCAGATTTTTCAGATTTTTCAGATTT 1380  
Qy 1389 ATAGATTTTATGATTAATGCTGTGACAGTATGTGTATGATTTTGTATGATTTCC 1448  
Db 1381 ATAGATTTTATGATTAATGCTGTGACAGTATGTGTATGATTTTGTATGATTTCC 1440  
Qy 1449 CCACATGCCCCCACTTGGATGTGGGCTCAGAGTTGAGTTCACTATTTAACAAATG 1508  
Db 1441 CCACATGCCCCCACTTGGATGTGGGCTCAGAGTTGAGTTCACTATTTAACAAATG 1500  
Qy 1509 TCATTAATATCTCATAGAGTACAGTGCACATATGATTTCAATGTGATGATGACAG 1568  
Db 1501 TCATTAATATCTCATAGAGTACAGTGCACATATGATTTCAATGTGATGATGACAG 1560

```

Qy 1569 AGGATTTTAACTCTGAGACATTAATCTTAAATACCTTAGAGAAAGATTTTGAC 1628
    |||||
Db 1561 AGGATTTTAACTCTGAGACATTAATCTTAAATACCTTAGAGAAAGATTTTGAC 1620
    |||||
Qy 1629 CTGGCTTTAGATTAACCTGTGGCAAGAAAATGTAATGAGCAATATATGAAATTAACAC 1688
    |||||
Db 1621 CTGGCTTTAGATTAACCTGTGGCAAGAAAATGTAATGAGCAATATATGAAATTAACAC 1680
    |||||
Qy 1689 ACCTTTGTTAAAGATA 1704
    |||||
Db 1681 ACCTTTGTTAAAGATA 1696
    |||||

```

Search completed: February 24, 2005, 10:19:00  
 Job time : 1008 secs

*This Page Blank (uspio)*



```

: GENERAL INFORMATION:
: APPLICANT: Haldeman, Betty A.
: APPLICANT: Thayer, Edward C.
: APPLICANT: Sheppard, Paul O.
: TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
: TITLE OF INVENTION: ZACRP3X2
: FILE REFERENCE: 00-111
: CURRENT APPLICATION NUMBER: US/10/012,605C
: CURRENT FILING DATE: 2002-08-14
: PRIOR APPLICATION NUMBER: US 60/254,019
: PRIOR FILING DATE: 2000-12-07
: NUMBER OF SEQ ID NOS: 23
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 2
: LENGTH: 319
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-10-012-605C-2

```

Query Match	96.6%	Score 1320.5	DB 4	Length 319
Best Local Similarity	77.1%	Pred. No. 1.1e-124		
Matches 246	Conservative 0	Mismatches 0	Indels 73	Gaps 1

Qy	1	MLMNPOLITWOLALAEFLFFCCLCODESYM-	28
Db	1	MLMNPGLITWOLALAEFLFFCCLCODESYM	60
Qy	29	-----SPQIGLPPDCKCKCHGDY	47
Db	61	SHPKTGVNDNTSTDLSLRPDELHPHEVDLAIQTTFWGSPPQGGJPPDCKCKCHDYY	120
Qy	48	SFRGYGPPGPPGPGPIPGNHGNNGNNGATGHEGAKGEGKDGKDGPGRGCGHPKGEK	107
Db	121	SFRGYGPPGPPGPPGPIPGNHGNNGNNGATGHEGAKGEGKDGKDGPGRGCGHPKGEK	180
Qy	108	GYPGIPEPLOIAFMASLATHFSNONGIIFSSVEVNIENFPDWMTRGCAPIVSGYIPFTF	167
Db	181	GYPGIPEPLOIAFMASLATHFSNONGIIFSSVEVNIENFPDWMTRGCAPIVSGYIPFTF	240
Qy	168	SMNGHEDVEEYVYLMHNGNTVFSMYSYEMKGSKSDTSSNHAVILKLAKDEWILRWGNAL	227
Db	241	SMNGHEDVEEYVYLMHNGNTVFSMYSYEMKGSKSDTSSNHAVILKLAKDEWILRWGNAL	300
Qy	228	HGDHORSTPAGFLIFETK	246
Db	301	HGDHORSTPAGFLIFETK	319

```

RESULT 3
US-09-552-225A-12
: Sequence 12, Application US/09552225A
: Patent No. 6521233
: GENERAL INFORMATION:
: APPLICANT: Fiddington, Christopher S.
: APPLICANT: Bibhop, Paul
: TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
: FILE REFERENCE: 99-09
: CURRENT APPLICATION NUMBER: US/09/552,225A
: PRIOR FILING DATE: 2000-04-19
: PRIOR APPLICATION NUMBER: 60/130,199
: NUMBER OF SEQ ID NOS: 20
: SOFTWARE: FASTSEQ for Windows Version 3.0
: SEQ ID NO 12
: LENGTH: 246
: TYPE: PRT
: ORGANISM: Mus musculus
: US-09-552-225A-12

```

Query Match 95.9%; Score 1311; DB 4; Length 246;  
Best Local Similarity 95.9%; Pred. NO. 6.7e-124;  
Matches 236; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

Qy	MLRROLIYQMLALPFLPCLCQDEYMSPTQGLPRLCSCKCHGDXSPFGYOQPPPG 60
Db	1 MLRGKQIIMWHLLPLFLPRLCQDEYMSFQAGSLPRLCSCKCHGDTGFGRKYQSPRPFG 60
Qy	61 PPGI PGNHGNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPRYKGYPGIPELQIAF 120
Db	61 PPGI PGNHGNNGNNGATGHEGAKGKGDKDGLGPRGERGQHPRYKGYPGVPELQIAF 120
Qy	121 MASLATPFSNONGIIFSSVEVNIQNPFDVMTGRGAVSGVYFFTSSMMKHEDVEEYV 180
Db	121 MASLATPFSNONGIIFSSVEVNIQNPFDVMTGRGAVSGVYFFTSSMMKHEDVEEYV 180
Qy	181 YLMHNGNTVFSMYSYEMKGSDDTSSNHAVLKIAKGDVWLMRGALHGDHREFSTAGF 240
Db	181 YLMHNGNTVFSMYSYETKSDTSSNHAVLKIAKGDVWLMRGALHGDHREFSTAGF 240
Qy	241 LLEETK 246
Db	241 LLEETK 246

Db 241 LFFETK 246

```

RESULT 4
US-09-621-976-6980
; Sequence 6980, Application US/09621976
; Patent No. 663063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTE and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 6980
; LENGTH: 123
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 122
; OTHER INFORMATION: Xaa = Ala,Pro,Ser,Thr
; NAME/KEY: UNSURE
; LOCATION: 99
; OTHER INFORMATION: Xaa = Gly,Tyr
US-09-621-976-6980

```

Query Match	45.78; Score 625; DB 4; Length 123;
-------------	-------------------------------------

Best Local Similarity -99.2%; Pred. No. 3.1e-55;  
Matches 120; Conservative 0; Mismatches 1; Indels 0; Gaps 0

Oy	121	MAIATAFHSNONGIIFSSVEVINIGNPFDMVMTGRGAIVSGVYFFTSMMKHEDVEEYV	160
Db	1	MAIATAFHSNONGIIFSSVEVINIGNPFDMVMTGRGAIVSGVYFFTSMMKHEDVEEYV	60
Oy	181	YLMHNNTVPSMYSVYEMKGKSDTSSNHAVKLAGDEYVLMNGALHGHORPSTAGF	240
Db	61	YLMHNNTVPSMYSVYEMKGKSDTSSNHAVKLAGDEYVLMNGALHGHORPSTAGF	120
Oy	241	L 241	
Db	121	L 121	

RESULT 5  
US-09-188-930-147  
; Sequence 147, Application US/09188930A

```

; GENERAL INFORMATION:
; APPLICANT: Watson, James D
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew

```

```

: APPLICANT: Onist, Rene
: APPLICANT: Murison, James Greg
: TITLE OF INVENTION: Compositions Isolated
: TITLE OF INVENTION: and Methods For Their
: FILE REFERENCE: 11000.101c1
: CURRENT APPLICATION NUMBER: US/09/188,930A
: CURRENT FILING DATE: 1998-11-09
: NUMBER OF SEQ ID NOS: 348
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 147
: LENGTH: 105
: TYPE: PRT
: ORGANISM: Rat
: US-09-188-930-147

```

Query Match	42.6%;	Score 582;	DB 3;	Length 105;
Best Local Similarity	93.3%;	Pred. No. 5,3e-51;		
Matches 98;	Conservative 2;	Mismatches 5;	Indels 0;	Gaps 0;

QY 1 MIMRQLTYMQLLALFFLPFCLOCDEYMSPTGTGLPPDCSKCCHDYSFNGYQGPPGPG 600  
|||::|||  
Db 1 MLRRQLVMWHLLALFLPFCLOCDEYMSPTAGGLPPDCSKCCHDYGFRGYQGPPGPG 600

QY 61 PPGI PGNHGNNGATGHEGAKGEKDKDGLGRGERGQHHPKG 105  
|||  
Db 61 PPGI PGNHGNNGNGATGHEGAKGEKDKDGLGRGERGQHHPKG 105

RESULT 6  
US-09-188-930-280  
; Sequence 280, Application US/09188930A

Query Match	42.6%	Score 582	DB 3	Length 105
Best Local Similarity	93.3%	Pred: No.	5.3e-51	
Matches 98	Conservative	2	Mismatches 5	Indels 0
			Gaps	0

[illegible][illegible]

RESULT 7  
US-09-312-283C-147  
; Sequence 147, Application US/09312283C

```

1  ; APPLICANT: Murison, James G.
2  ; APPLICANT: Kumble, Krishanand D.
3  ; TITLE OF INVENTION: Compositions Isolated from Skin Cells
4  ; TITLE OF INVENTION: and Methods for Their Use
5  ; FILE REFERENCE: 11000.1011c2
6  ; CURRENT APPLICATION NUMBER: US/09/312,283C
7  ; CURRENT FILING DATE: 1999-05-14
8  ; NUMBER OF SEQ ID NOS: 425
9  ; SOFTWARE: FastSeq for Windows Version 4.0
10 ; SEQ ID NO 147
11 ; LENGTH: 105
12 ; TYPE: PRT
13 ; ORGANISM: Mouse
14 US-09-312-283C-147

```

Query Match	42.6%;	Score	582;	DB	4;	Length	105;
Best Local Similarity	93.3%;	Pred. No.	5.3e-51;				
Matches	98;	Conservative	2;	Mismatches	5;	Indels	0;
						Gaps	0;

QY 1 MLMLRQLIYMQLLALFLPFCILCQDEYNESPQIRGGLPPDCSKCCHGDISRFGYQGPDPG 60

DB 1 MLRLQLVMMHLLALFLPFCILCQDEYNESPQAGGLPPDCSKCCHGDISRFGYQGPDPG 60

QY 61 PPGI PGNHGNNGNGATGHEGAKGEKDKDGLGPRGERGQHPKG 105  
|||  
Db 61 PPGI PGNHGNNGNGATGHEGAKGEKDKDGLGPRGERGQHPKG 105

```

RESULT 8
US-09-312-283C-280
; Sequence 280, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lotna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murist, James G.
; APPLICANT: Kumble, Krishnand D.
; TITLE OF INVENTION: compositions Isolated
; TITLE OF INVENTION: and Methods for Therat
; FILE REFERENCE: 11000.1011C2
; CURRENT APPLICATION NUMBER: US/09/312,283Q
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FcstSeq for Windows Version 4.0
; SEQ ID NO 280
; LENGTH: 105
; TYPE: prt
; ORGANISM: Mouse
US-09-312-283C-280

```

Query Match	42.6%;	Score 582;	DB 4;	Length 105;
Best Local Similarity	93.3%;	Pred. No. 5.3e-51;		
Matches	98;	Conservative	2;	Mismatches 5; Indels

```
QY      1 MLMRQLIYWQLLALFPLPFCLCODEYNESPTQTGSLPPDSCSKCCHGDYSFRGYQGPGPPG 600
        |||||::||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 MLRRQLVMMHLLALLFLPFCLCODEYNESPQAAGLPDPDCSKCCHGDYGFRRGYQSPGPAPG 600
```

[illegible]

RESULT 9  
US-09-312-283C-382

```

; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
;

```

Query Match	23.1%	Score 316	DB 31	Length 294
Best Local Similarity	28.9%	Pred. No. 13	3e-23	
Matches	86	Conservative	41	Mismatches 89
			Indels	82
			Gaps	12
OY	6	LIYVLTLLFLYPLFCGODEYM-----ESPTGGLPDPCKSCCHGVDSFRGYYGPPRP	59	
Db	10	MISMTLLLC-ALP-----CAADPLGAFARRDPFGGQVLYCS-----LPGDQGP	54	
OY	60	GPFGIIPGNHNGNNGATGCEGAKGEKGDGD-----L	92	

RESULT 12  
US-09-552-204A-2  
; Sequence 2, Application US/09552204A  
; Patent No. 6620909  
; GENERAL INFORMATION:  
; APPLICANT: Piddington, Christopher S.  
; APPLICANT: Bishop, Paul D.  
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP2



```
FILE REFERENCE: 99-08
CURRENT APPLICATION NUMBER: US/09/552,204A
CURRENT FILING DATE: 2000-04-19
PRIOR APPLICATION NUMBER: 60/130,207
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 285
TYPE: PRT
ORGANISM: Homo sapiens
US-09-552-204A-2

Query Match
Best Local Similarity 22.2%; Score 304; DB 4; Length 285;
Matches 73; Conservative 42; Mismatches 74; Indels 58; Gaps 9;

QY 48 SRRGVRPPGPP-----GIP---GNHNNNGNNGATGHEGAKGKDKDGLGR 95
DB 37 SLPGPGPPGAPGAPGSCMMGMGPKDQDGHGDGDSGEGPGRGTGRGKPGK 96
QY 96 GER-----GOHGPKEKGYGIP-----PELOIAFMSL 124
DB 97 GRAGAGRAGPRGPKVNGTGRGKGTGPKKGGKGGEGGLPGCCSGGHTKSASVAV 156
QY 125 ATFFSNONGIIFSSVETNIGNFEDVMTGRFGAPVSGVYFTFSMN---KHEDVEEVYV 181
DB 157 TQSYPRERLPKEDKILMEGGHYNASGKFGVGVGYFTYDITLANH-----LAIG 211
QY 182 LHNHNTVSMYSYEMK-GKSDTSSNHAIVLKLAKGEVLM-----GNALHGHORFST 236
DB 212 LVHNGQ--YRIRTFDANTGNHVASGSTITLAKGDEVLQIFSPONGLFDPYWTDL 269
QY 237 FAGFLF 243
DB 270 FTGFLY 276

RESULT 13
US-09-976-594-815
Sequence 815, Application US/09976594
Patent No. 6673549
GENERAL INFORMATION:
APPLICANT: Futness, Michael
APPLICANT: Buchbinder, Jenny
TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
FILE REFERENCE: PA-0041 US
CURRENT APPLICATION NUMBER: US/09/976,594
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,409
PRIOR FILING DATE: 2000-10-12
NUMBER OF SEQ ID NOS: 1143
SOFTWARE: PERL Program
SEQ ID NO 815
LENGTH: 258
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. 6673549 170915CD1
US-09-976-594-815

Query Match
Best Local Similarity 21.8%; Score 297.5; DB 4; Length 258;
Matches 76; Conservative 32; Mismatches 89; Indels 25; Gaps 8;

QY 29 SPPTGALPPDSCCKCHGDYSFRGYGPPGPPGPGIPGNHGNNGNNGATGHEGAKGKCD 88
DB 53 SEQSGAPP--STLVGPGPGKPGRTGPKGPPGPPGPP-----GPPGVPVPPGKGE 101
QY 89 KQDLGPRG--ERGOHGPKEKGYGIPPELOIAFMSLATHFSNONG--IIFSSVETN 143
DB 102 PKRGPGPLGAGGSAISTATTTYP--RVAFYGL-----KNPHGYVLAKFDVYTN 154
```

```
QY 144 IGFNDVMTGRFGAVSGVYFTFS--MKKHEDVEEVYVIMHNGNTVSMYSYEMKSKSD 202
DB 155 LGNNYDAASGKCTCINPGTYFTYVLMRGGTSMDLCKNGGVRAISALADQDONDY 214
QY 203 TSSNHAIVLKLAKGEVLMGMGALH-GDHORFSTFAGFLF 243
DB 215 YASNSVILHLDAGDEVFTKLDGKAKHAGNSKYSITFSGFIIT 256

RESULT 14
US-09-489-847-198
Sequence 198, Application US/09489847
Patent No. 6476195
GENERAL INFORMATION:
APPLICANT: Rosen et al
TITLE OF INVENTION: 98 Human Secreted Proteins
FILE REFERENCE: P2031PI
CURRENT APPLICATION NUMBER: US/09/489,847
CURRENT FILING DATE: 2000-01-24
EARLIER APPLICATION NUMBER: PCT/US99/17130
EARLIER FILING DATE: 1999-07-29
EARLIER APPLICATION NUMBER: 60/094,657
EARLIER FILING DATE: 1998-07-30
EARLIER APPLICATION NUMBER: 60/095,486
EARLIER FILING DATE: 1998-08-05
EARLIER APPLICATION NUMBER: 60/096,319
EARLIER FILING DATE: 1998-08-12
EARLIER APPLICATION NUMBER: 60/095,454
EARLIER FILING DATE: 1998-08-06
EARLIER APPLICATION NUMBER: 60/095,455
NUMBER OF SEQ ID NOS: 376
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 198
LENGTH: 260
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (260)
OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-198

Query Match
Best Local Similarity 21.7%; Score 296.5; DB 4; Length 260;
Matches 79; Conservative 34; Mismatches 95; Indels 63; Gaps 10;

QY 9 KQLLALFPLPCLCQDEYHESFOTGLPPDCKCC-----HGDYS 48
DB 10 MAALLFLF---MCEIPVELTFEDRAVADCCORCDSBDPLDPAHVSSASSGPRPALPE 66
QY 49 FRGY-----QGPGRPPGPGIPGNHGNNGNNGATGHEGAKGKDKDGLGRGERGQH 102
DB 67 IRPYINITLKQDKDPCGMGLPGYMGREGPGGEPGQSKD----- 109
QY 103 PRGKGPPIPPLOIAFNA-----SLATHFSNONGIIFSSVETNIGNFEDVMTGRFGA 157
DB 110 -KGEMSGPAP--CQGRFPAFVGKRTALHSGEDFQTLIFERYFVVLDCGCPDWAQOFAA 166
QY 158 PVSGVYFTFSMKHE-DVEEYVYVIMHNGNTVSMYSYEMKSKDPTSSNHAIVLKLAKGD 216
DB 167 PLRGYVFSINV--HSMWYKETYVHIMHQKAVILYA-QPSERSIMOSQSVMLDLAYGD 223
QY 217 EWLIRM-----GNGLHGHORFSTFAGFL 242
DB 224 RYWRVRLFKORENAIYSNDPDIYITFSGLI 254

RESULT 15
US-09-489-847-349
Sequence 349, Application US/09489847
Patent No. 6476195
```

```

; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031p1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 349
; LENGTH: 287
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-489-847-349

Query Match      21.7% Score 296.5; DB 4; Length 287;
Best Local Similarity 29.2%; Pred. No. 1,2e-21;
Matches 79; Conservative 34; Mismatches 95; Indels 63; Gaps 10;

QY      9 WQLALFPLPCLCODEYMESEPQTGGLPPDCSKC-----HGDYS 48
DB      38 WAILLLFL--MCEIPWELTFDRAVASDCORCCDSEDPLDPAVSSASSSGRPHALPE 94
QY      49 FRGY-----QGPPEPPGPPIPGNHGNNNGATGHEGAKGEKDKGDLGPRGERGQHG 102
DB      95 IRPYINITILKDGKDPGPMGLPGYMGREGPGQGERPGQSKD----- 137
QY      103 PKGEKGYPGIPEPQLIAFMA-----SLATHFSNQNSGIIFFSSVETINIGNFPDVMTGRFGA 157
DB      138 -KGEMGSPGAP--CQKRFAPSVGRKTYLHSGEDPQTLLFERVFNLDGCFDMATGQPPAA 194
QY      158 PVSQVYFFTSMMKHE-DVEEYVYVLMHNGNTVFSMYSYEMKGSKSDTSSNHAVIDKLAKGD 216
DB      195 PLRGIVYFSLNV--HSWYKETYVHIMENQKAIVLYA-QPSERSIMQSQSVMLDLAYGD 251
QY      217 EYVLELM-----GNGALHGDHQRSTFAGFL 242
DB      252 RYVWRLFKRQRENALYSNDFDTYITFSGLI 282

```

Search completed: February 22, 2005, 20:24:29  
Job time : 44 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

## OM protein - protein search, using sw model

Run on: February 22, 2005, 20:21:30 ; Search time 134 Seconds

(without alignments)  
600.756 Million cell updates/sec

Title: us-10-036-041-2

Perfect score: 1367  
Sequence: i MIMRQLIVQGLAFPLPFC.....LHGDHGRSTFAGFLPFRK 246Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1380268 seqs, 327241040 residues

Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

## Database : Published Applications AA:\*

1: /cgn2\_6/ptodata/2/pubppaa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/ptodata/2/pubppaa/PCT\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/2/pubppaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/2/pubppaa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/2/pubppaa/US07\_NEW\_PUB.pep:\*  
6: /cgn2\_6/ptodata/2/pubppaa/PCTUS\_PUBCOMB.pep:\*  
7: /cgn2\_6/ptodata/2/pubppaa/US08\_NEW\_PUB.pep:\*  
8: /cgn2\_6/ptodata/2/pubppaa/US08\_PUBCOMB.pep:\*  
9: /cgn2\_6/ptodata/2/pubppaa/US09\_PUBCOMB.pep:\*  
10: /cgn2\_6/ptodata/2/pubppaa/US09\_PUBCOMB.pep:\*  
11: /cgn2\_6/ptodata/2/pubppaa/US09C\_PUBCOMB.pep:\*  
12: /cgn2\_6/ptodata/2/pubppaa/US09\_NEW\_PUB.pep:\*  
13: /cgn2\_6/ptodata/2/pubppaa/US10\_PUBCOMB.pep:\*  
14: /cgn2\_6/ptodata/2/pubppaa/US10\_PUBCOMB.pep:\*  
15: /cgn2\_6/ptodata/2/pubppaa/US10C\_PUBCOMB.pep:\*  
16: /cgn2\_6/ptodata/2/pubppaa/US10D\_PUBCOMB.pep:\*  
17: /cgn2\_6/ptodata/2/pubppaa/US10\_NEW\_PUB.pep:\*  
18: /cgn2\_6/ptodata/2/pubppaa/US11\_NEW\_PUB.pep:\*  
19: /cgn2\_6/ptodata/2/pubppaa/US60\_NEW\_PUB.pep:\*  
20: /cgn2\_6/ptodata/2/pubppaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	246	10	US-09-931-836-2
2	1367	100.0	246	13	US-10-036-342-2
3	1367	100.0	246	13	US-10-036-041-2
4	1367	100.0	246	14	US-10-035-855-2
5	1367	100.0	246	14	US-10-036-214-2
6	1367	100.0	246	14	US-10-035-719-2
7	1367	100.0	246	14	US-10-035-160-2
8	1367	100.0	246	14	US-10-035-958-2
9	1367	100.0	246	14	US-10-036-150-2
10	1367	100.0	246	14	US-10-036-063-2
11	1367	100.0	246	14	US-10-035-977-2
12	1367	100.0	246	14	US-10-321-164-2
13	1367	100.0	246	15	US-10-236-392-68

14	1367	100.0	246	15	US-10-332-947-38	Sequence 38, Appl
15	1320.5	96.6	319	14	US-10-012-605C-2	Sequence 2, Appl
16	1320.5	96.6	319	15	US-10-719-205-2	Sequence 2, Appl
17	1320.5	96.6	319	15	US-10-332-947-37	Sequence 37, Appl
18	1311	95.9	246	14	US-10-321-164-12	Sequence 12, Appl
19	1226.5	89.7	225	15	US-10-236-392-66	Sequence 66, Appl
20	1208	88.4	225	14	US-10-091-458-41	Sequence 41, Appl
21	1208	88.4	225	15	US-10-191-254-41	Sequence 41, Appl
22	792.5	58.0	223	15	US-10-169-395-39	Sequence 39, Appl
23	582	42.6	105	10	US-09-866-050A-147	Sequence 147, App
24	582	42.6	105	10	US-09-866-050A-280	Sequence 280, App
25	453	33.1	75	15	US-10-385-015-10	Sequence 10, Appl
26	325	23.8	267	15	US-10-322-947-45	Sequence 45, Appl
27	319	23.3	285	10	US-09-866-050A-382	Sequence 382, App
28	316	23.1	294	10	US-09-866-050A-294	Sequence 294, App
29	315.5	23.1	288	14	US-10-203-708-30	Sequence 30, Appl
30	315	23.0	289	15	US-10-411-120-59	Sequence 59, Appl
31	315	23.0	289	15	US-10-451-168-106	Sequence 106, App
32	315	23.0	289	16	US-10-408-765A-1762	Sequence 1762, Ap
33	315	23.0	303	14	US-10-234-000-2	Sequence 2, Appl
34	315	23.0	303	14	US-10-203-708-31	Sequence 31, Appl
35	313	22.9	294	14	US-10-236-055A-8	Sequence 8, Appl
36	309	22.6	289	14	US-10-234-000-15	Sequence 15, Appl
37	308	22.5	289	10	US-09-866-050A-630	Sequence 630, App
38	306	22.4	314	15	US-10-264-049-2619	Sequence 2619, Ap
39	306	22.4	330	14	US-10-236-055A-6	Sequence 6, Appl
40	306	22.4	330	15	US-10-162-335-30	Sequence 30, Appl
41	306	22.4	331	15	US-10-220-120-354	Sequence 354, App
42	304	22.2	285	14	US-10-234-000-5	Sequence 5, Appl
43	304	22.2	285	15	US-10-411-120-60	Sequence 60, Appl
44	304	22.2	285	15	US-10-411-120-88	Sequence 88, Appl
45	304	22.2	285	15	US-10-621-787-2	Sequence 2, Appl

## ALIGNMENTS

RESULT 1  
US-09-931-836-2  
; Sequence 2, Application US/09931836  
; Publication No. US20030027249A1  
GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3030R1C1  
; CURRENT APPLICATION NUMBER: US/09/931, 836  
; PRIOR FILING DATE: 2001-08-16  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/112514  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113300  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113430  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/114140  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115552  
; PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146870  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908, 827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522

PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 2  
LENGTH: 246  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-931-836-2  
Query Match 100.0%; Score 1367; DB 10; Length 246;  
Best Local Similarity 100.0%; Pred. No. 7e-117;  
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MMRQLIYQQLALPFLPCLCODEYMSPTQGLPPDCSKCHDDYFRGYQGPBP 60  
DB 1 MMRQLIYQQLALPFLPCLCODEYMSPTQGLPPDCSKCHDDYFRGYQGPBP 60  
QY 61 PPGIPGNHNNNGNNGATGHEGAKGKGDGDPGREGGQHPKKEKYPGIPPELOIAF 120  
DB 61 PPGIPGNHNNNGNNGATGHEGAKGKGDGDPGREGGQHPKKEKYPGIPPELOIAF 120  
QY 121 MASLATHFNONSGIIFSSVETINQNFDPVMTGRGAPVSGYPTFSMKHEDVEEYV 180  
DB 121 MASLATHFNONSGIIFSSVETINQNFDPVMTGRGAPVSGYPTFSMKHEDVEEYV 180  
QY 181 YLMHNGNTVFSMYSYEMKKSPTSSNHAVALKLAKDEYWLRMNGALHGDHQRFTPGF 240  
DB 181 YLMHNGNTVFSMYSYEMKKSPTSSNHAVALKLAKDEYWLRMNGALHGDHQRFTPGF 240  
QY 241 LLEETK 246  
DB 241 LLEETK 246  
RESULT 2  
US-10-036-342-2  
Sequence 2, Application US/10036342  
Publication No. US20020090681A1  
GENERAL INFORMATION:  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Aubertin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C5  
CURRENT APPLICATION NUMBER: US/10/036,342  
PRIOR FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15

```

; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 60/127706
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/129122
; PRIOR FILING DATE: 1999-04-13
; PRIOR APPLICATION NUMBER: 60/130359
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131272
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/132371
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551

```

```

; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19632
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-036-342-2

Query Match      100.0%; Score 1367; DB 13; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MLMROLIYWQLLALFFPLFCQDEYMESPTQGLPPDCSKCHDYSFRGYQGPFGPG 60
DB      1 MLMROLIYWQLLALFFPLFCQDEYMESPTQGLPPDCSKCHDYSFRGYQGPFGPG 60

QY      61 PGIPGNHNNNGNNGNATGHEGAKGKGDGLGPRGERGQHGPKEKGYPGIPELIQIAF 120
DB      61 PGIPGNHNNNGNNGNATGHEGAKGKGDGLGPRGERGQHGPKEKGYPGIPELIQIAF 120

QY      121 MASLATHTSNQNSGIIFFSVETNINFPDVMTGRGAPVSGVYFTFSMMKHEDVEEYV 180
DB      121 MASLATHTSNQNSGIIFFSVETNINFPDVMTGRGAPVSGVYFTFSMMKHEDVEEYV 180

QY      181 YLMHNGNTVFSWYSYEMKGDSDTSSNHAVALKLAKDEVALRMNGALHGDHORFSTFAGF 240
DB      181 YLMHNGNTVFSWYSYEMKGDSDTSSNHAVALKLAKDEVALRMNGALHGDHORFSTFAGF 240

QY      241 LLEFETK 246
DB      241 LLEFETK 246

RESULT 3
US-10-036-041-2
; Sequence 2, Application US/10036041
; Publication No. US20020192751A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.

```

APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C8  
CURRENT APPLICATION NUMBER: US/10/036.041  
PRIOR FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146370  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208

PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908.827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 2  
LENGTH: 246  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-036-041-2  
Query Match 100.0%; Score 1367; DB 13; Length 246;  
Best Local Similarity 100.0%; Pred. No. 7e-117;  
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MIMROLIYQQLALFPLPCLCODEYMESPTGGLPPDCSKCHDDYSFRGQSPGPG 60  
DB 1 MIMROLIYQQLALFPLPCLCODEYMESPTGGLPPDCSKCHDDYSFRGQSPGPG 60  
QY 61 PGIPGNHGNGNGNGATGHEGAKGKGDGDPGGERGQHPKXKKGPGIPELQIAF 120  
DB 61 PGIPGNHGNGNGNGATGHEGAKGKGDGDPGGERGQHPKXKKGPGIPELQIAF 120  
QY 121 MASLATHFNSNGSGLIFSSVETNIGNFPDVTGTRGAPVSGVYFTFSMKKIEDVEEYV 180  
DB 121 MASLATHFNSNGSGLIFSSVETNIGNFPDVTGTRGAPVSGVYFTFSMKKIEDVEEYV 180  
QY 181 YLMHNGNTVFSMYSYEMKSKDTSNHAVALKAKGDEYVLRNGNALHGDHORESTFAGF 240  
DB 181 YLMHNGNTVFSMYSYEMKSKDTSNHAVALKAKGDEYVLRNGNALHGDHORESTFAGF 240  
QY 241 LLEETK 246  
DB 241 LLEETK 246

RESULT 4  
US-10-035-855-2  
Sequence 2, Application US/10035855  
Publication No. US2003008348A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Gddard, Audrey  
APPLICANT: Gddowski, Paul J.  
APPLICANT: Gutney, Austen L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C4  
CURRENT APPLICATION NUMBER: US/10/035,855  
PRIOR FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506

PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 2  
LENGTH: 246  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-035-855-2  
Query Match 100.0%; Score 1367; DB 14; Length 246;  
Best Local Similarity 100.0%; Pred. No. 7e-117;  
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MLMROLIYQGLIALFFLPCLCODEYMSPTQGLPPDCSKCCHGDYSPRGYQGPFGPG 60  
DB 1 MLMROLIYQGLIALFFLPCLCODEYMSPTQGLPPDCSKCCHGDYSPRGYQGPFGPG 60  
QY 61 PPGIPIGNHGNNGNNGATGHEGAKGKGDYGPGRGQHGPKCKEKGYPGIIPELQIAF 120  
DB 61 PPGIPIGNHGNNGNNGATGHEGAKGKGDYGPGRGQHGPKCKEKGYPGIIPELQIAF 120  
QY 121 MASLATHTSPNSNGIIPSSVETINIGNFDMVMTGRGAVSGVYFTFPMKHEDEVBEVYV 180

|||||  
Db 121 MASLATHRSNONSIGITFSSVETINIGNFDVMTGFGAPVSGVYFFTSMMKHEDVEEYV 180  
Qy 181 YLMHNGTVFSMYSEMGKSDTSSNAHVLTLAGDEVTWLMNGALHGHORSTAGF 240  
Db 181 YLMHNGTVFSMYSEMGKSDTSSNAHVLTLAGDEVTWLMNGALHGHORSTAGF 240  
Qy 241 LLEFETK 246  
Db 241 LLEFETK 246  
RESULT 5  
US-10-036-214-2  
Sequence 2, Application US/10036214  
Publication No. US20030032061A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C11  
CURRENT FILING DATE: 2001-12-26  
CURRENT APPLICATION NUMBER: US/10/036.214  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379

PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908.827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 2  
LENGTH: 246  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-036-214-2

Query Match 100.0%; Score 1367; DB 14; Length 246;



Best Local Similarity 100.0%; Pred. No. 7e-117;  
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MIMROLIYQALLALFPLPCLCQDEYMESPTQGLPPDCSKCHDYSFRGYQGPPPG 60  
Db 1 MIMROLIYQALLALFPLPCLCQDEYMESPTQGLPPDCSKCHDYSFRGYQGPPPG 60  
QY 61 PPGIIGNNNNNNNATGHEGAKGEGDGDIGPRGERQNGPKKGYPGIPELQIAF 120  
Db 61 PPGIIGNNNNNNNATGHEGAKGEGDGDIGPRGERQNGPKKGYPGIPELQIAF 120  
QY 121 MASLATHSNONGSIIFSSVETNIGNFPDVTGRFAPVSGVYFTFSMKHEDVEYV 180  
Db 121 MASLATHSNONGSIIFSSVETNIGNFPDVTGRFAPVSGVYFTFSMKHEDVEYV 180  
QY 181 YIMHNGNTVFSYMYEMKSKSDTSSNHAVLKLAKEDEVLMRNGNGLHGDHQRFTPAF 240  
Db 181 YIMHNGNTVFSYMYEMKSKSDTSSNHAVLKLAKEDEVLMRNGNGLHGDHQRFTPAF 240  
QY 241 LIFETK 246  
Db 241 LIFETK 246

RESULT 6  
US-10-035-719-2  
; Sequence 2, Application US/10035719  
; Publication No. US20030036114A1  
; GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Guirney, Austin L.  
; APPLICANT: Pdn, James  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3030R1C2  
; CURRENT APPLICATION NUMBER: US/10/035, 719  
; CURRENT FILING DATE: 2001-12-26  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/112514  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113300  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113430  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/114140  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115552  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/116843  
; PRIOR FILING DATE: 1999-01-22  
; PRIOR APPLICATION NUMBER: 60/125774  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/125778  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/125826  
; PRIOR FILING DATE: 1999-03-24  
; PRIOR APPLICATION NUMBER: 60/127035  
; PRIOR FILING DATE: 1999-03-31  
; PRIOR APPLICATION NUMBER: 60/127706  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/129122

; PRIOR FILING DATE: 1999-04-13  
; PRIOR APPLICATION NUMBER: 60/130359  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131272  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/132371  
; PRIOR FILING DATE: 1999-05-04  
; PRIOR APPLICATION NUMBER: 60/132379  
; PRIOR FILING DATE: 1999-05-04  
; PRIOR APPLICATION NUMBER: 60/132383  
; PRIOR FILING DATE: 1999-05-04  
; PRIOR APPLICATION NUMBER: 60/135750  
; PRIOR FILING DATE: 1999-05-25  
; PRIOR APPLICATION NUMBER: 60/138166  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/144791  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/146970  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/162506  
; PRIOR FILING DATE: 1999-10-29  
; PRIOR APPLICATION NUMBER: 09/311832  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 09/380142  
; PRIOR FILING DATE: 1999-08-25  
; PRIOR APPLICATION NUMBER: 09/644848  
; PRIOR FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 09/747259  
; PRIOR FILING DATE: 2000-12-20  
; PRIOR APPLICATION NUMBER: 09/816744  
; PRIOR FILING DATE: 2001-03-22  
; PRIOR APPLICATION NUMBER: 09/854208  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: 09/854280  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: 09/874503  
; PRIOR FILING DATE: 2001-06-05  
; PRIOR APPLICATION NUMBER: 09/869599  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: 09/908, 827  
; PRIOR FILING DATE: 2001-07-18  
; PRIOR APPLICATION NUMBER: PCT/US99/10733  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: PCT/US99/28551  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30720  
; PRIOR FILING DATE: 1999-12-22  
; PRIOR APPLICATION NUMBER: PCT/US00/05601  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: PCT/US00/05841  
; PRIOR FILING DATE: 2000-03-02  
; PRIOR APPLICATION NUMBER: PCT/US00/14042  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: PCT/US00/15264  
; PRIOR FILING DATE: 2000-06-02  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; PRIOR FILING DATE: 2000-08-24  
; PRIOR APPLICATION NUMBER: PCT/US00/32678  
; PRIOR FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: PCT/US00/34956  
; PRIOR FILING DATE: 2000-12-20  
; PRIOR APPLICATION NUMBER: PCT/US01/06520  
; PRIOR FILING DATE: 2001-02-28  
; PRIOR APPLICATION NUMBER: PCT/US01/17800  
; PRIOR FILING DATE: 2001-06-01  
; PRIOR APPLICATION NUMBER: PCT/US01/19692  
; PRIOR FILING DATE: 2001-06-20

;; PRIOR APPLICATION NUMBER: PCT/US01/21066  
;; PRIOR FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: PCT/US01/21735  
;; PRIOR FILING DATE: 2001-07-09  
;; NUMBER OF SEQ ID NOS: 80  
;; SEQ ID NO 2  
;; LENGTH: 246  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-035-719-2

Query Match 100.0%; Score 1367; DB 14; Length 246;  
Best Local Similarity 100.0%; Pred. No. 7e-117;  
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMLRLIYQQLALFFLPCLCQDEYMSPTGCIIPPCSCCHGDIYSFRGYQPPPG 60  
DB 1 MLMLRLIYQQLALFFLPCLCQDEYMSPTGCIIPPCSCCHGDIYSFRGYQPPPG 60  
QY 61 PGIGNGNNGNNGATGHEGAKGKGDLPGRGEGOHGPKGKGPGLPELQIAF 120  
DB 61 PGIGNGNNGNNGATGHEGAKGKGDLPGRGEGOHGPKGKGPGLPELQIAF 120  
QY 121 MASLATHFSNONGIIFSSVETINIGNFEDVMTGRFGAPVSGVFFTSMMKHEDVEEYV 180  
DB 121 MASLATHFSNONGIIFSSVETINIGNFEDVMTGRFGAPVSGVFFTSMMKHEDVEEYV 180  
QY 181 YLMHNGNVFSMTSYEMKGSPTSSNNAVLKLAGDEVLMMGALHGHQRSTAGF 240  
DB 181 YLMHNGNVFSMTSYEMKGSPTSSNNAVLKLAGDEVLMMGALHGHQRSTAGF 240  
QY 241 LLEFETK 246  
DB 241 LLEFETK 246

## RESULT 7

US-10-036-160-2  
; Sequence 2, Application US/10036160  
; Publication No. US20030044842A1  
; GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3030R1C3  
; CURRENT APPLICATION NUMBER: US/10/036,160  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/112514  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113300  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113430  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/114140  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115552  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/116843

;; PRIOR FILING DATE: 1999-01-22  
;; PRIOR APPLICATION NUMBER: 60/125774  
;; PRIOR FILING DATE: 1999-03-23  
;; PRIOR APPLICATION NUMBER: 60/125778  
;; PRIOR FILING DATE: 1999-03-23  
;; PRIOR APPLICATION NUMBER: 60/125826  
;; PRIOR FILING DATE: 1999-03-24  
;; PRIOR APPLICATION NUMBER: 60/127035  
;; PRIOR FILING DATE: 1999-03-31  
;; PRIOR APPLICATION NUMBER: 60/127706  
;; PRIOR FILING DATE: 1999-04-05  
;; PRIOR APPLICATION NUMBER: 60/129122  
;; PRIOR FILING DATE: 1999-04-13  
;; PRIOR APPLICATION NUMBER: 60/130359  
;; PRIOR FILING DATE: 1999-04-21  
;; PRIOR APPLICATION NUMBER: 60/131270  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131272  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131291  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/132371  
;; PRIOR FILING DATE: 1999-05-04  
;; PRIOR APPLICATION NUMBER: 60/132379  
;; PRIOR FILING DATE: 1999-05-04  
;; PRIOR APPLICATION NUMBER: 60/132383  
;; PRIOR FILING DATE: 1999-05-04  
;; PRIOR APPLICATION NUMBER: 60/135750  
;; PRIOR FILING DATE: 1999-05-25  
;; PRIOR APPLICATION NUMBER: 60/138166  
;; PRIOR FILING DATE: 1999-06-08  
;; PRIOR APPLICATION NUMBER: 60/144791  
;; PRIOR FILING DATE: 1999-07-20  
;; PRIOR APPLICATION NUMBER: 60/146370  
;; PRIOR FILING DATE: 1999-08-03  
;; PRIOR APPLICATION NUMBER: 60/162506  
;; PRIOR FILING DATE: 1999-10-29  
;; PRIOR APPLICATION NUMBER: 09/311832  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: 09/380142  
;; PRIOR FILING DATE: 1999-08-25  
;; PRIOR APPLICATION NUMBER: 09/644848  
;; PRIOR FILING DATE: 2000-08-22  
;; PRIOR APPLICATION NUMBER: 09/747259  
;; PRIOR FILING DATE: 2000-12-20  
;; PRIOR APPLICATION NUMBER: 09/816744  
;; PRIOR FILING DATE: 2001-03-22  
;; PRIOR APPLICATION NUMBER: 09/854208  
;; PRIOR FILING DATE: 2001-05-10  
;; PRIOR APPLICATION NUMBER: 09/854280  
;; PRIOR FILING DATE: 2001-05-10  
;; PRIOR APPLICATION NUMBER: 09/874503  
;; PRIOR FILING DATE: 2001-06-05  
;; PRIOR APPLICATION NUMBER: 09/869599  
;; PRIOR FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: 09/908,827  
;; PRIOR FILING DATE: 2001-07-18  
;; PRIOR APPLICATION NUMBER: PCT/US99/10733  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: PCT/US99/28551  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30720  
;; PRIOR FILING DATE: 1999-12-22  
;; PRIOR APPLICATION NUMBER: PCT/US00/05601  
;; PRIOR FILING DATE: 2000-03-01  
;; PRIOR APPLICATION NUMBER: PCT/US00/05841  
;; PRIOR FILING DATE: 2000-03-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/14042  
;; PRIOR FILING DATE: 2000-05-22  
;; PRIOR APPLICATION NUMBER: PCT/US00/15264  
;; PRIOR FILING DATE: 2000-06-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/23522  
;; PRIOR FILING DATE: 2000-08-23

```

; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-036-160-2

Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MLMLRLIYQQLALFPLPCLCODEYMESPTQGLPPDCSKCHGYSFPGYGGPPPG 60
DB      1 MLMLRLIYQQLALFPLPCLCODEYMESPTQGLPPDCSKCHGYSFPGYGGPPPG 60

QY      61 PPDIPNHNNGNNGATGHBGAKGEGDKDLCPRBERGKHGKXGKTPGIPPELQIAF 120
DB      61 PPDIPNHNNGNNGATGHBGAKGEGDKDLCPRBERGKHGKXGKTPGIPPELQIAF 120

QY      121 MASLATHFNSNGIIFSSVETIGNFPDVTGRFGAPVSGYVFTFPMKHEDEVEYVY 180
DB      121 MASLATHFNSNGIIFSSVETIGNFPDVTGRFGAPVSGYVFTFPMKHEDEVEYVY 180

QY      181 YMHENGTVFMSYEMKGSPTSNNHAYLKLAKGDEVLMRMNGALHGDHGFSTPAGE 240
DB      181 YMHENGTVFMSYEMKGSPTSNNHAYLKLAKGDEVLMRMNGALHGDHGFSTPAGE 240

QY      241 LLEFETK 246
DB      241 LLEFETK 246

RESULT 8
US-10-035-958-2
; Sequence 2, Application US/10035958
; Publication No. US20030049733A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C7
; CURRENT APPLICATION NUMBER: US/10/035,958
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
```

```

; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 60/127706
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/129122
; PRIOR FILING DATE: 1999-04-13
; PRIOR APPLICATION NUMBER: 60/130359
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131272
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/132371
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/544848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
```

```

; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-035-958-2
```

```

Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 76-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1 MWMROLIYMWLLLFPLPCLCODEYVESPQTGSLPPDCKCHSYSPRGYGPAPPG 60
DB 1 MWMROLIYMWLLLFPLPCLCODEYVESPQTGSLPPDCKCHSYSPRGYGPAPPG 60
QY 61 PPGIIPGNHNGNNGATGHEGAKGKDKDLPGRGRGQHGPKGKGYGPIPELQIAF 120
DB 61 PPGIIPGNHNGNNGATGHEGAKGKDKDLPGRGRGQHGPKGKGYGPIPELQIAF 120
QY 121 MASLATFHSNQSGIIFSSVETNIGNFDVMTGRFGAPVSGVYFTFSNMKHEDEVEYV 180
DB 121 MASLATFHSNQSGIIFSSVETNIGNFDVMTGRFGAPVSGVYFTFSNMKHEDEVEYV 180
QY 181 YLMHNGTVTSMTSYEMKGSPTSNNHAYLKLAKGDEWLMRMNGALHGDHGFSTFAPG 240
DB 181 YLMHNGTVTSMTSYEMKGSPTSNNHAYLKLAKGDEWLMRMNGALHGDHGFSTFAPG 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246
```

```

RESULT 9
US-10-036-150-2
; Sequence 2, Application US/10036150
; Publication No. US20030049734A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
```

```

; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030RIC9
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 60/127706
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/129122
; PRIOR FILING DATE: 1999-04-13
; PRIOR APPLICATION NUMBER: 60/130359
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131272
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/132371
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
```

PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 2  
LENGTH: 246  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-036-150-2

Query Match Best Local Similarity 100.0%; Score 1367; DB 14; Length 246;

Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLMRLIYVQQLALFPLPCLCDEYTESPQTGLPPDSKCHGYSFRGYGPPGPG 60  
Db 1 MLMRLIYVQQLALFPLPCLCDEYTESPQTGLPPDSKCHGYSFRGYGPPGPG 60  
QY 61 PGCIPIGNHGNNGNGATGHBGAKGEGYKGLGPRERQGHGKGPICPELIQIAF 120  
Db 61 PGCIPIGNHGNNGNGATGHBGAKGEGYKGLGPRERQGHGKGPICPELIQIAF 120  
QY 121 MASLAFHSNONGSIFSSVETNIGNPFVMTGRFAPVSGVYFTFSMMKHEDVEEYV 180  
Db 121 MASLAFHSNONGSIFSSVETNIGNPFVMTGRFAPVSGVYFTFSMMKHEDVEEYV 180  
QY 181 YLMHNGNTVFSWYSYEMKGSJDTSSNHAIVLKLAKGDEVMLRMGNGALHGDHGFSTFAG 240  
Db 181 YLMHNGNTVFSWYSYEMKGSJDTSSNHAIVLKLAKGDEVMLRMGNGALHGDHGFSTFAG 240  
QY 241 LLEFETK 246  
Db 241 LLEFETK 246

RESULT 10

US-10-036-063-2  
Sequence 2, Application US/10036063  
Publication No. US20030092063A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Guiney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3030R1C6  
CURRENT APPLICATION NUMBER: US/10/036,063  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29

```

; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-036-063-2
Query Match 100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1 MUMROLITWQALATFLPRLCQDEYMSPTGSLPRPCSKCHGDVSRFGYQBPGRG 60
DB 1 MUMROLITWQALATFLPRLCQDEYMSPTGSLPRPCSKCHGDVSRFGYQBPGRG 60
QY 61 PPGIDGNNGNNGNNGATGHEGAKGEGKDGKDLGPRGEGGQHGPKGEKGYPGIPELQIAF 120
DB 61 PPGIDGNNGNNGNNGATGHEGAKGEGKDGKDLGPRGEGGQHGPKGEKGYPGIPELQIAF 120
QY 121 MASLATHSNONGIIFSSVETNIGNFDPVMTGRFGAPVSGVYFFTFSMKHEDVEEYV 180
DB 121 MASLATHSNONGIIFSSVETNIGNFDPVMTGRFGAPVSGVYFFTFSMKHEDVEEYV 180
```

```

DB 121 MASLATHSNONGIIFSSVETNIGNFDPVMTGRFGAPVSGVYFFTFSMKHEDVEEYV 180
QY 181 YLMHNGNTVFSMYSEMGKSDTSSNHAVLTKLAKGDEWILRMNGALHGDHORFSTPAGF 240
DB 181 YLMHNGNTVFSMYSEMGKSDTSSNHAVLTKLAKGDEWILRMNGALHGDHORFSTPAGF 240
QY 241 LLEFETK 246
DB 241 LLEFETK 246

RESULT 11
US-10-035-977-2
; Sequence 2, Application US/10035977
; Publication No. US20030134327A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OR INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3030R1C10
; CURRENT APPLICATION NUMBER: US/10/035,977
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 60/127706
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/129122
; PRIOR FILING DATE: 1999-04-13
; PRIOR APPLICATION NUMBER: 60/130359
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131272
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/132371
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
```

```

; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-035-977-2
Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
```

```

Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MMRQLIYWQLALPFLPCLCQDEYMSPTQGLPPDCSKCHGDYSFRGYQGPAPPG 60
    |||||
Db 1 MMRQLIYWQLALPFLPCLCQDEYMSPTQGLPPDCSKCHGDYSFRGYQGPAPPG 60
QY 61 PPGIPGNHGNNGNNGATGHEGAKGKGDKGDLGPRGERQOHQPKGKYPGIPPELQIAF 120
    |||||
Db 61 PPGIPGNHGNNGNNGATGHEGAKGKGDKGDLGPRGERQOHQPKGKYPGIPPELQIAF 120
QY 121 MASLATHFSNONGSIIFFSSVETNIGNFDPVMTGRGAPVSGVYFFTFSSMKHEDVEEVY 180
    |||||
Db 121 MASLATHFSNONGSIIFFSSVETNIGNFDPVMTGRGAPVSGVYFFTFSSMKHEDVEEVY 180
QY 181 YLMHNGNTVFSMYSEYMKGSDTSSNHAVALKLAKGEVWLRMNGALHGDHQRFFSTFAG 240
    |||||
Db 181 YLMHNGNTVFSMYSEYMKGSDTSSNHAVALKLAKGEVWLRMNGALHGDHQRFFSTFAG 240
QY 241 LLEETK 246
    |||||
Db 241 LLEETK 246

RESULT 12
US-10-321-164-2
; Sequence 2, Application US/10321164
; Publication No. US20030165530A1
; GENERAL INFORMATION:
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/552,225A
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-321-164-2
Query Match      100.0%; Score 1367; DB 14; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MMRQLIYWQLALPFLPCLCQDEYMSPTQGLPPDCSKCHGDYSFRGYQGPAPPG 60
    |||||
Db 1 MMRQLIYWQLALPFLPCLCQDEYMSPTQGLPPDCSKCHGDYSFRGYQGPAPPG 60
QY 61 PPGIPGNHGNNGNNGATGHEGAKGKGDKGDLGPRGERQOHQPKGKYPGIPPELQIAF 120
    |||||
Db 61 PPGIPGNHGNNGNNGATGHEGAKGKGDKGDLGPRGERQOHQPKGKYPGIPPELQIAF 120
QY 121 MASLATHFSNONGSIIFFSSVETNIGNFDPVMTGRGAPVSGVYFFTFSSMKHEDVEEVY 180
    |||||
Db 121 MASLATHFSNONGSIIFFSSVETNIGNFDPVMTGRGAPVSGVYFFTFSSMKHEDVEEVY 180
QY 181 YLMHNGNTVFSMYSEYMKGSDTSSNHAVALKLAKGEVWLRMNGALHGDHQRFFSTFAG 240
    |||||
Db 181 YLMHNGNTVFSMYSEYMKGSDTSSNHAVALKLAKGEVWLRMNGALHGDHQRFFSTFAG 240
QY 241 LLEETK 246
    |||||
Db 241 LLEETK 246

RESULT 13
US-10-236-392-68
```

```
Sequence 68, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David M
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Chabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kehuda, Ramesh
; APPLICANT: Laroche, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malvankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patuturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rohenbergs, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smilhsen, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-4424
; CURRENT APPLICATION NUMBER: US/10/226,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 68
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-236-392-68

Query Match      100.0%; Score 1367; DB 15; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 MIMRQIYWQIALAFPLPCLCQDEYMSPTGGLPPDCSKCHGDYSEFGYQGPFGPG 60
DB 1 MIMRQIYWQIALAFPLPCLCQDEYMSPTGGLPPDCSKCHGDYSEFGYQGPFGPG 60

QY 61 PGGIPGNHNGNNGATGHEGAKGKGDGLGPRGERGQHPKKEKGYPGIPELQIAF 120
DB 61 PGGIPGNHNGNNGATGHEGAKGKGDGLGPRGERGQHPKKEKGYPGIPELQIAF 120

QY 121 MASLATHFSNONGIIFSSVETNIGNFPDVTGFGAPVSGVYFTFSMKHEDVEEYV 180
DB 121 MASLATHFSNONGIIFSSVETNIGNFPDVTGFGAPVSGVYFTFSMKHEDVEEYV 180

QY 181 YLMHNGNTVFSMYSEYEMKSDTSSNHAVLKLAKDEWVLRNGALHGDHGFSTFAGF 240
DB 181 YLMHNGNTVFSMYSEYEMKSDTSSNHAVLKLAKDEWVLRNGALHGDHGFSTFAGF 240

QY 241 LLFETK 246
DB 241 LLFETK 246

RESULT 14
US-10-332-947-38
; Sequence 38, Application US/10332947
; Publication No. US20040092713A1
; GENERAL INFORMATION:
; APPLICANT: Agarwal, Pankej
; APPLICANT: Cogswell, John P.
; APPLICANT: Lai, Ying-Ta
; APPLICANT: Martensen, Shelby A.
; APPLICANT: Rizvi, Safia K.
; APPLICANT: Smith, Randall F.
; APPLICANT: Strum, Jay C.
; APPLICANT: Xiang, ZhaoYing
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50031
; CURRENT APPLICATION NUMBER: US/10/332,947
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US01/21985
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/218,033
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: 60/226,517
; PRIOR FILING DATE: 2000-08-21
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for windows Version 4.0
; SEQ ID NO 38
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-332-947-38

Query Match      100.0%; Score 1367; DB 15; Length 246;
Best Local Similarity 100.0%; Pred. No. 7e-117;
Matches 246; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
RESULT 15
US-10-012-605C-2
; Sequence 2, Application US/10012605C
; Publication No. US20030104602A1
GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; TITLE OF INVENTION: ZACR93X2
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-605C-2

Query Match      96.6%; Score 1320.5; DB 14; Length 319;
Best Local Similarity 77.1%; Pred. No. 1.7e-112;
Matches 246; Conservative 0; Mismatches 0; Indels 73; Gaps 1;

QY      1 MLMRQLIYWQLALFPLPCLCODEYME----- 28
Db      1 MLMRQLIYWQLALFPLPCLCODEYMEVSGRTNKVARIVQSHQOTGRSGSRREKVRER 60

QY      29 -----SPQTGALPPDCSKCCHDY 47
Db      61 SHPKGTVDNNTSTDLSLRPDELPHREVDLAQITTFWQGSPTGTGLPPDCSKCCHDY 120

QY      48 SFRGTQGPDPGPPGIPGNHGNNGNNGATGHEGAKGEKDKGLGPRGERGQHPKGEK 107
Db      121 SFRGYQGPDPGPPGIPGNHGNNGNNGATGHEGAKGEKDKGLGPRGERGQHPKGEK 180

QY      108 GYPGIPPELQIAFMASLATHFSNONGIIFSSVETNIGNPFDMTGRFGAPVSGVYFPTF 167
Db      181 GYPGIPPELQIAFMASLATHFSNONGIIFSSVETNIGNPFDMTGRFGAPVSGVYFPTF 240

QY      168 SNAKHEDEVVEVYVYLHNGNTVFSMTSYEMKGSKSDTSSNHAVALKLAKDEVWLMKNGAL 227
Db      241 SNAKHEDEVVEVYVYLHNGNTVFSMTSYEMKGSKSDTSSNHAVALKLAKDEVWLMKNGAL 300

QY      228 HGDHQRFTFPAGFLFETK 246
Db      301 HGDHQRFTFPAGFLFETK 319
```

Search completed: February 22, 2005, 20:35:39  
Job time : 135 secs

*This Page Blank (uspto)*

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - nucleic search, using frame\_plus.p2n model

Run on: February 24, 2005, 07:58:23 ; Search time 187 Seconds  
(without alignments)  
2152.535 Million cell updates/sec

Title: US-10-036-041-2

Perfect score: 1367

Sequence: 1 MIMROLIYWQALAEFLPFC.....LHGDRSTPAGFLIFETK 246

Scoring table:  
BLOSUM62  
Xgapop 10.0 , Xgapext 0.5  
Ygapop 10.0 , Ygapext 0.5  
Fgapop 6.0 , Fgapext 7.0  
Delop 6.0 , Delext 7.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Command line parameters:  
-MODE=frame.p2n.model -DEV=x1h  
-O=/cgn2\_1/USPTO/spool/US10036041/runat\_22022005\_105903\_19297/app\_query.fasta\_1.391  
-DB=Issued Patents\_NA -QFMT=fasted -SUFFIX=p2n.rnt -MINMATCH=0.1 -LOOPTC=0  
-IOOPEXT=0 -UNIT=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi  
-LIST=45 -DOCALLIDN=200 -THR\_SCORE=pc -THR\_MAX=100 -THR\_MIN=0 -ALYGN=15  
-MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000  
-USER=US10036041@cgn2\_1.177 @runat\_22022005\_105903\_19297 -NCPU=6 -ICPU=3  
-NO\_MMAP -LARGEQUERY -NEG\_SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG  
-DEV\_TIMEOUT=120 -NARN\_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6  
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents\_NA:\*

- 1: /cgn2\_6/prodata/1/ina/5A.COMB.seq:\*
- 2: /cgn2\_6/prodata/1/ina/5B.COMB.seq:\*
- 3: /cgn2\_6/prodata/1/ina/6A.COMB.seq:\*
- 4: /cgn2\_6/prodata/1/ina/6B.COMB.seq:\*
- 5: /cgn2\_6/prodata/1/ina/PTCUS.COMB.seq:\*
- 6: /cgn2\_6/prodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	1696	4	US-09-552-225A-1 Sequence 1, Appl1
2	1367	100.0	1696	4	US-10-012-605C-3 Sequence 1, Appl1
3	1320.5	96.6	957	4	US-10-012-605C-1 Sequence 3, Appl1
4	1311	95.9	1117	4	US-09-552-225A-11 Sequence 11, Appl1
5	1311	95.9	1123	3	US-09-188-930-28 Sequence 28, Appl1
6	1311	95.9	1123	3	US-09-188-930-203 Sequence 203, Appl1
7	1311	95.9	1123	4	US-09-312-283C-28 Sequence 28, Appl1
8	1311	95.9	1123	4	US-09-312-283C-203 Sequence 203, Appl1
9	1171	85.7	738	4	US-09-552-225A-10 Sequence 10, Appl1
10	1124.5	82.3	957	4	US-10-012-605C-7 Sequence 7, Appl1
11	811	59.3	494	4	US-09-621-976-3120 Sequence 3120, Appl1
12	721	52.7	471	4	US-09-513-999C-2872 Sequence 2872, Appl1

13	384.5	28.1	436	4	US-10-012-605C-5 Sequence 5, Appl1
14	316	23.1	1107	3	US-09-188-930-217 Sequence 217, Appl1
15	316	23.1	1107	4	US-09-312-283C-217 Sequence 217, Appl1
16	306	22.4	1052	4	US-09-312-283C-358 Sequence 358, Appl1
17	306	22.4	1161	4	US-09-552-204A-1 Sequence 1, Appl1
18	299	21.9	1276	2	US-08-463-911-1 Sequence 1, Appl1
19	299	21.9	1276	4	US-09-776-976-3 Sequence 3, Appl1
20	289	21.9	1276	4	US-09-909-547-3 Sequence 3, Appl1
21	297.5	21.8	1299	4	US-09-976-594-814 Sequence 814, Appl1
22	296.5	21.7	1618	4	US-09-489-847-82 Sequence 82, Appl1
23	293.5	21.5	1313	2	US-08-463-911-6 Sequence 6, Appl1
24	293.5	21.5	4517	4	US-09-140-804-9 Sequence 9, Appl1
25	293.5	21.5	4517	4	US-09-686-838B-9 Sequence 9, Appl1
26	293.5	21.5	4517	4	US-09-776-976-5 Sequence 5, Appl1
27	293.5	21.5	4517	4	US-09-909-547-5 Sequence 5, Appl1
28	293.5	21.5	4545	4	US-09-569-852B-5 Sequence 5, Appl1
29	293	21.4	1152	4	US-09-776-976-1 Sequence 1, Appl1
30	293	21.4	1152	4	US-09-909-547-1 Sequence 1, Appl1
31	276.5	20.2	3198	4	US-09-949-001-2 Sequence 2, Appl1
32	273	20.0	3275	3	US-09-370-838-151 Sequence 151, Appl1
33	273	20.0	3275	4	US-09-854-133-151 Sequence 151, Appl1
34	270	19.8	3167	4	US-09-949-001-7 Sequence 7, Appl1
35	270	19.8	10544	4	US-09-949-001-28 Sequence 28, Appl1
36	270	19.8	10544	4	US-09-949-001-33 Sequence 33, Appl1
37	269	19.7	855	4	US-09-552-204A-10 Sequence 10, Appl1
38	264.5	19.3	1333	3	US-09-227-357-51 Sequence 51, Appl1
39	264.5	19.3	1347	3	US-09-140-804-1 Sequence 1, Appl1
40	264.5	19.3	1347	4	US-09-686-838B-1 Sequence 1, Appl1
41	264.5	19.3	1377	4	US-09-866-028-41 Sequence 41, Appl1
42	264.5	19.3	1377	4	US-09-944-457-41 Sequence 41, Appl1
43	257.5	18.8	2235	4	US-09-949-016-3736 Sequence 3736, Appl1
44	257.5	18.8	2487	4	US-09-620-312D-160 Sequence 160, Appl1
45	257.5	18.8	9455	4	US-09-949-016-15478 Sequence 15478, Appl1

# ALIGNMENTS

RESULT 1  
US-09-552-225A-1  
Sequence 1, Application US/09552225A  
Patent No. 6521233  
GENERAL INFORMATION:  
APPLICANT: Piddington, Christopher S.  
APPLICANT: Bishop, Paul  
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3  
FILE REFERENCE: 99-09  
CURRENT APPLICATION NUMBER: US/09/552,225A  
CURRENT FILING DATE: 2000-04-19  
PRIOR APPLICATION NUMBER: 60/130,199  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 1  
LENGTH: 1696  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (69)...(806)  
US-09-552-225A-1

# ALIGNMENT SCORES:

Pred. No.: 6.37e-127 Length: 1696  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-552-225A-1 (1-1696)

QY 1 MetLeuTrpArgGluLeuIleTyrTrpGlnLeuValaLeuPhePheLeuPProPheCys 20  
|||||

```

Db      69  ATGCTTTGGAGGACGACATCATATTGGAACACTGCTGCTTTGTTTCTCCCTTTTGC 128
Qy      21  LeuCySGlnAAspGluTyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
Db      129  CTGTGTCAAGATGAATACATGAGATGCTCCACAACCGGAGGACTACCCCAACATGACAGT 188
Qy      41  LysCySGlySHISGLYAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
Db      189  AAGTGTTCATGAGACATCAAGCTTTGAGGCTACCAAGGCCCTCCGCGGCAACGGGCG 248
Qy      61  PropGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
Db      249  CCTCTGTCGATTCACGAAACCATGAAACAATGAGCAACATGAGCACTGTCATGAA 308
Qy      81  GlyAlaLysGlyGlyLysGlyAspLysGlyAspLysGlyProArgGlyGlyLysGlyGln 100
Db      309  GGAAGCAAAAGGTGAAGAGGCGCAAGGTGACCTGGGGCTCCGAGGGAGGCGGGGCGAG 368
Qy      101  HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLysGlnIleAlaPhe 120
Db      369  CATGCCCCCAAGAGAGAGAGGCTACCCGGGATTCACCAAGCACTTCAGATTGCAATTC 428
Qy      121  MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
Db      429  ATGGCTTCTCTGGCAACCACTTCAGCAATCAGAACAGTGGATATCTTCAGCAGTGT 488
Qy      141  GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db      489  GAGACCAACATTTGAAACTTCTTATGATCATGACTGATGATTTGGGGCCCCCAGATCA 548
Qy      161  GlyValTyrPhePheThrPheSerMetLysHisGlyAspValGlyGlnValTyrVal 180
Db      549  GGTGTGATTTCTTCACTTCAGCATGATGAGATGAGATGTTGAGAAAGTATGTG 608
Qy      181  TyrLeuMetHisAsnGlyAsnThrValPheSerMetLysSerTyrGlyLysGlyLys 200
Db      609  TACCTTATGCAACAATGAGCAACAGTCTTCAGCAATGATGAAATGAAAGGCAAA 668
Qy      201  SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGlyValTyrLeu 220
Db      669  TCAAGTACATCCAGAACATCATCTGTGCTGAGAGCTAGCCAAAGGAGATGAGTTGGCTG 728
Qy      221  ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db      729  CGAATGGGCAATGGGCTCTCCATGGGAGCAACCAAGCTTCTCCACCTTTGCAGAGATTC 788
Qy      241  LeuLeuPheGluThrLys 246
Db      789  CTGCTCTTTGAAACTAAG 806

RESULT 2
US-10-012-605C-3
; Sequence 3, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Shepard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS

```

```

; LOCATION: (69) ... (806)
US-10-012-605C-3
Alignment Scores:
Pred. No.: 6.37e-127 Length: 1696
Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-10-012-605C-3 (1-1696)
Qy      1  MetLeuTPArgGlnLeuIleTyrTrpGlnLeuLeuPhePheLeuProPheCys 20
Db      69  ATGCTTTGGAGGACGACATCATATTGGAACACTGCTGCTTTGTTTCTCCCTTTTGC 128
Qy      21  LeuCySGlnAAspGluTyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
Db      129  CTGTGTCAAGATGAATACATGAGATGCTCCACAACCGGAGGACTACCCCAACATGACAGT 188
Qy      41  LysCySGlySHISGLYAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
Db      189  AAGTGTTCATGAGACATCAAGCTTTGAGGCTACCAAGGCCCTCCGCGGCAACGGGCG 248
Qy      61  PropGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
Db      249  CCTCTGTCGATTCACGAAACCATGAAACAATGAGCAACATGAGCACTGTCATGAA 308
Qy      81  GlyAlaLysGlyGlyLysGlyAspLysGlyAspLysGlyProArgGlyGlyLysGlyGln 100
Db      309  GGAAGCAAAAGGTGAAGAGGCGCAAGGTGACCTGGGGCTCCGAGGGAGGCGGGGCGAG 368
Qy      101  HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLysGlnIleAlaPhe 120
Db      369  CATGCCCCCAAGAGAGAGAGGCTACCCGGGATTCACCAAGCACTTCAGATTGCAATTC 428
Qy      121  MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
Db      429  ATGGCTTCTCTGGCAACCACTTCAGCAATCAGAACAGTGGATATCTTCAGCAGTGT 488
Qy      141  GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db      489  GAGACCAACATTTGAAACTTCTTATGATCATGACTGATGATTTGGGGCCCCCAGATCA 548
Qy      161  GlyValTyrPhePheThrPheSerMetLysHisGlyAspValGlyGlnValTyrVal 180
Db      549  GGTGTGATTTCTTCACTTCAGCATGATGAGATGAGATGTTGAGAAAGTATGTG 608
Qy      181  TyrLeuMetHisAsnGlyAsnThrValPheSerMetLysSerTyrGlyLysGlyLys 200
Db      609  TACCTTATGCAACAATGAGCAACAGTCTTCAGCAATGATGAAATGAAAGGCAAA 668
Qy      201  SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGlyValTyrLeu 220
Db      669  TCAAGTACATCCAGAACATCATCTGTGCTGAGAGCTAGCCAAAGGAGATGAGTTGGCTG 728
Qy      221  ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db      729  CGAATGGGCAATGGGCTCTCCATGGGAGCAACCAAGCTTCTCCACCTTTGCAGAGATTC 788
Qy      241  LeuLeuPheGluThrLys 246
Db      789  CTGCTCTTTGAAACTAAG 806

RESULT 3
US-10-012-605C-1
; Sequence 1, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Shepard, Paul O.

```

```

; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: ZACRP3X2
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 957
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(957)
US-10-012-605C-1

Alignment Scores:
Pred. No.: 1,27e-122 Length: 957
Score: 1320.50 Matches: 246
Percent Similarity: 77.12% Conservative: 0
Best Local Similarity: 77.12% Mismatches: 0
Query Match: 96.60% Indels: 73
DB: Gaps: 1

US-10-036-041-2 (1-246) x US-10-012-605C-1 (1-957)

QY 1 MetLeuTPaRgGlnLeuIleTyTrrpGlnLeuAlaLeuPhePheLeuProPheCys 20
Db 1 ATGCTTTGGAGGCACTCTATTTGGCACTGCTTTGTTTCTCTCCCTTTTTC 60
QY 21 LeuCySGlnAspGluTyTrrpGlnLeuAlaLeuPhePheLeuProPheCys 28
Db 61 CTGTGTCAAGATGAATACATGAGGTGAGCGGAGAACTAATAAGTGTGGCAAGATA 120
QY 28 ----- 28
Db 121 GTGCAAGCCACGACAGACTGCGCTGACGCTCCAGAGGAGAGAACTGAGAGCCG 180
QY 28 ----- 28
Db 181 AGCCATCTTAATACTGGAGCTGTGATTAACACTTTACAGACTTAATAATCCCTGAGA 240
QY 28 ----- 28
Db 241 CCAGATGAGCTACCGGACCCGAGGTAGATGACTAGCCCAATGATCACAATTCTGGGGC 300
QY 29 ---SerProGlnThGlyGlyLeuProPheAspCySerTyGlyShiGlyAspTyTyr 47
Db 301 CAGTCTCCCAAAACCGAGAGACTACCCCACTGACGTAGTGTGTGATGAGACTAC 360
QY 48 SerPheAspGlyTyTrrpGlnLeuIleTyTrrpGlnLeuAlaLeuPhePheLeuProPheCys 67
Db 361 AGCTTTGAGGCTACCAAGGCCCCCTGGGCCACCGGCGCTCTCTGCAATCCAGGAAC 420
QY 68 HisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlyGlyAlaTyGlyGlyGlyGly 87
Db 421 CATGGAACAATGGCAACATGAGGCACTGGTCATGAAAGAGGCCAAAGTGAAGAGGC 480
QY 88 AspTyGlyAspLeuGlyProAspGlyGlyAspGlyGlyHisGlyProTyGlyGlyGly 107
Db 481 GACAAAGGTGACCTGGGGCTCGAGGGGAGCGGGGACACATGGCCCCCAAGAGAGAG 540
QY 108 GlyTyTrrpGlyIleProProGlnLeuGlnIleAlaPheMetAlaSerLeuAlaThrHis 127
Db 541 GGCTACCCGGGATTTCCACAGACTTCAGATTGCTTATGCTTCTCTGGCAACCCAC 600
QY 128 PheSerAsnGlnAsnSerGlyIleIlePheSerSerValGluThrAsnIleGlyAsnPhe 147
Db 601 TTCAGCAATCAAGAACAGTGGGATTAATCTTCAGCAGAGTGTGAGACCAACTTGGAACTTC 660
QY 148 PheAspValMetThrGlyArgPheGlyAlaProValSerGlyValTyTrrpPheThrPhe 167
```

```

Db 661 TTTGATGCAATGACTGTAGATTTTGGGCCCAAGATACAGGTGTATTTCTTCACCTTC 720
QY 168 SerMetCysHisGlyAspValGluGlyValTyTrrpLeuMetHisAsnGlyAsn 187
Db 721 AGCATGATGAAGCAATGAGATGTTTGAAGAGTATGTATGACTTATGACAAATGGCAAC 780
QY 188 ThrValPheSerMetTySerTyGlyMetCysGlyTySerAspThrSerSerAsnHis 207
Db 781 ACAGTCTTCAGATGTACAGCTATGATAATGAAGGCAATCAGATACATCCGCAATCAT 840
QY 208 AlaValLeuLeuTyGlyAspGlyValTyTrrpLeuAspMetGlyAsnGlyAlaLeu 227
Db 841 GCTGTGTGAGACTGACCAAGAGGATAGGTTTGGCTGCGAATGGCAATGGCCCTTC 900
QY 228 HisGlyAspHisGlnArgPheSerThrPheAlaGlyPheLeuLeuPheGluThrTyS 246
Db 901 CATGGGAGACCAACGCTTCTCCACCTTTGAGGATTCCTGCTTTGAAACTAAG 957

RESULT 4
US-09-552-225A-11
; Sequence 11, Application US/09552225A
; Patent No. 6521233
; GENERAL INFORMATION:
; APPLICANT: Biddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/09/552,225A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 1117
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (111)...(848)
US-09-552-225A-11

Alignment Scores:
Pred. No.: 1.4e-121 Length: 1117
Score: 1311.00 Matches: 236
Percent Similarity: 96.75% Conservative: 2
Best Local Similarity: 95.93% Mismatches: 8
Query Match: 95.90% Indels: 0
DB: Gaps: 0

US-10-036-041-2 (1-246) x US-09-552-225A-11 (1-1117)

QY 1 MetLeuTPaRgGlnLeuIleTyTrrpGlnLeuAlaLeuPhePheLeuProPheCys 20
Db 111 ATGCTGGAGGACGACGATCTGTGGCACTGCTGCTTCTCTCCATTTTTC 170
QY 21 LeuCySGlnAspGlyTyTrrpGlnLeuIleTyTrrpGlnLeuAlaLeuPhePheLeuProPheCys 40
Db 171 CTGTGTCAAGATGAATACATGAGTCTCCACAGCTGAGAGACTGCCCCCAATGCTGAC 230
QY 41 TySAspHisGlyAspTySerPheArgGlyTyTrrpGlnLeuIleTyTrrpGlnLeuProPheCys 60
Db 231 AAGTGTTCATGAGATTAATGATTTGTTGTTTCAAGGGCCCCCTGGAACCTCAGGT 290
QY 61 ProProGlyIleProProGlyAsnHisGlyAsnAsnGlyAlaThrGlyHisGly 80
Db 291 CTTCTGGGATTTCCAGAAACATGGAACATGGAACATGGAACATGGAACATGGAACAT 350
QY 81 GlyAlaTyGlyGlyGlyAspTySerPheArgGlyTyTrrpGlnLeuIleTyTrrpGlnLeuProPheCys 100
Db 351 GGGGCCAAAGGTGAGAAAGAGAGCAAAAGGCGACTAGGCCCTCGAGAGAGAAAGGGGGCAG 410
```

```
Qy 101 HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db 411 CATGCCCCCAAGAGAGAGAAAGGCTAACCCAGGGGTGCCACCAAGCTGAGATTGCAATTC 470
Qy 121 MetAlaSerLeuAlaThrHisPheSerArgGlnAsnSerGlyIleIlePheSerSerVal 140
Db 471 ATGGCTTCTCTGCAACTCACTTCAGCAATCAAGAACAGTGATTAATCTTCAGCAGTGT 530
Qy 141 GluThrAsnIleGlyAsnPheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db 531 GAGACCAACATTGGAAACTCTTCAGATGTCAGACTGGAGATTGGGGCCCCCTATCA 590
Qy 161 GlyValTyrPhePheThrPheSerMetLysHisGlyAspValGluGluValTyrVal 180
Db 591 GGTGTGATTTCTTCACTTCAGCATGATGAGACATGAGACATGAGAGAAATGATGTG 650
Qy 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGluMetLysGlyLys 200
Db 651 TACCTTATGCAACAGGCAACACAGCTTCAGCATGTACAGCTATGAAACAAAGGGA 710
Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyrLeu 220
Db 711 TCAGATACATCCAGAACCATGACAGTGTGAGATTGGCCAAAGAGATGAAGTCTGGCTA 770
Qy 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db 771 AGAATGGGCAACGGTGGCCCTCCACGGGAGCACCAAGCGCTTCTCACTTCGCAAGCTTT 830
Qy 241 LeuLeuPheGluThrLys 246
Db 831 CTGCTCTTTGAAACTAAG 848

RESULT 5
US-09-188-930-28
; Sequence 28, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-28

Alignment Scores:
Pred. No.: 1,41e-121 Length: 1123
Score: 1311.00 Matches: 236
Percent Similarity: 97.15% Conservative: 3
Best Local Similarity: 95.93% Mismatches: 7
Query Match: 95.90% Indels: 0
Gaps: 0

US-10-036-041-2 (1-246) x US-09-188-930-28 (1-1123)
Qy 1 MetLeuTyrArgGlnLeuLysIleTyrTrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db 180 ATGCTCAGAGGACACTGCTGCTGAGCACCTGCTGGCTTCTTCTCCATTTTGC 239
Qy 21 LeuGlyGlnAspGlyTyrMetGluSerProGlnThrGlyGlyLeuProProAspCysSer 40
Db 240 CTGTCTCAAGATGATATACATGAGTCTCCACAAGCTGGAGGAGACTGCCCAAGCTGACG 299
```

```
Qy 41 LysCysCysHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
Db 300 AAGTCTTCCATGAGATTAATGATTCGTGTGTTTCCAGAGGGCCCCCTGGACCCCCAGCT 359
Qy 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
Db 360 CCTCCTGGCATTTCCAGAGAAACCATGAGAAACATGGAATAACGAGGACCATGGCCACGAA 419
Qy 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProAlaGlyGlyGln 100
Db 420 GGGGCAAGGGTGAAGAAAGAGACAAAGGCCACCTGGGGCTTCGAGGGGAAACGGGGGAG 479
Qy 101 HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db 480 CATGCCCCCAAGATGAGAGAGATCCAGGGGTGCCACCAAGCTGCAATTCGATTCGCTTC 539
Qy 121 MetAlaSerLeuAlaThrHisPheSerArgGlnAsnSerGlyIleIlePheSerSerVal 140
Db 540 ATGGCTTCTTACGACATCACTTCAGCAATCAGAAACAGTGGCATTAATCTTCAGCAGTGT 599
Qy 141 GluThrAsnIleGlyAsnPheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db 600 GAGACCAACATTGGAAACTCTTCAGATGTCAGACTGGATATTGGGGCCCCGATCA 659
Qy 161 GlyValTyrPhePheThrPheSerMetLysHisGlyAspValGluGluValTyrVal 180
Db 660 GCGGTGATTTCTTCACTTCAGCATGATGAGACATGAGACATGAGAGAAATGATGTG 719
Qy 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGluMetLysGlyLys 200
Db 720 TACCTTATGCAACATGATGATACACGGTGTTCAGCATGTACACTATGAAACAAAGGGA 779
Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyrLeu 220
Db 780 TCAGATACATCCAGAACCATGACAGTGTGAGATTGGCCAAAGAGATGAAGTCTGGCTA 839
Qy 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db 840 AGAATGGGCAACGGTGGCCCTCCACGGGAGCACCAAGCGCTTCTCACTTCGCAAGCTTT 899
Qy 241 LeuLeuPheGluThrLys 246
Db 900 CTGCTCTTTGAAACTAAG 917

RESULT 6
US-09-188-930-209
; Sequence 209, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 203
; LENGTH: 1123
; TYPE: DNA
; ORGANISM: Rat
US-09-188-930-203

Alignment Scores:
Pred. No.: 1,41e-121 Length: 1123
Score: 1311.00 Matches: 236
Percent Similarity: 97.15% Conservative: 3
Best Local Similarity: 95.93% Mismatches: 7
Query Match: 95.90% Indels: 0
```

```

: SOFTWARE: fastSeq for Windows Version 4.0
: SEQ ID NO 28
: LENGTH: 1123
: TYPE: DNA
: ORGANISM: Mouse
US-09-312-283C-28

Alignment Scores:
Pred. No.: 1,41e-121 Length: 1123
Score: 1311.00 Matches: 236
Percent Similarity: 97.15% Conservative: 3
Best Local Similarity: 95.93% Mismatches: 7
Query Match: 95.90% Indels: 0
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-312-283C-28 (1-1123)
QY 1 MetLeuTrpArgGluLeuLeuLeuTyrTrpGluLeuLeuAlaLeuPheLeuProPheCys 20
Db 180 ATCTCAGAGGAGGACGCTCGTGGTGGACCTGCTGGCTTTGCTTTCTCTCCATTTC 233
QY 21 LeuCyGlnAspGluTyrMetGluSerProGlnTrhGlyGlyLeuProProAspCys 40
Db 240 CTGTGTCAAGATGAATACATGGAGTCTCCACAGCTGGAGGACTGCCCCAGACTGCAGC 299
QY 41 LysCyGlnHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
Db 300 AAGTGTGGCCATGAGAGATTGATTGATTCCTGGTGTTCACAAAGGGCCCCCTGGACCCCAAGT 359
QY 61 ProProGlyTyrLeuProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGly 80
Db 360 CCTCCGCGACATTCACAGAAACCATGAGAAACAATGAAATTAACGAGCCACTGGCCACGAA 419
QY 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGlyLysGlyGln 100
Db 420 GGGGCCAAGGCTGAGAAAGAAACAAAGGCCACTCGGGGCTTCAGGGGGAACGGGGGCGAG 479
QY 101 HisGlyProLysGlyGlyLysGlyTyrTrpGlyTyrLeuProProGlyLeuGlnLeuAlaPhe 120
Db 480 CATGGCCCCAAGATGAAAGGAGATACCCAGGGGGTGCACACAGAGCTGCAGATTGGCTTC 539
QY 121 MetAlaSerLeuAlaThrHisPheSerLeuGlnAsnSerGlyTyrLeuPheSerSerVal 140
Db 540 ATGGCTTCTCTAGCGACTCTACCTTCAGCAATCAGAACAGTGGCATTAATCTTCAGCAGTGT 599
QY 141 GluThrAsnLysGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160
Db 600 GAAACCAACATTGGAACTTCTTCATGATCATGACTGTGTAATTTGGGGCCCCCGTATCA 659
QY 161 GlyValTyrPhePheThrPheSerSerMetLysHisGlyAspValGluGluValTyrVal 180
Db 660 GGGGTGTATTTCTTCACTTCAGCATGATGAAGCATGAGACGTGGAGGAAGTGTATGTG 719
QY 181 TyrLeuMetHisGlnGlyAsnThrValPheSerMetTyrSerTyrGluMetLysGlyLys 200
Db 720 TACCTTATCACAATGTGTAAACGGTGTTCAGCATGTTCACCTTGTGAAACAAAGGAAAA 779
QY 201 SerAspThrSerSerSerHisAlaValLeuLysLeuAlaLysGlyAspGlyValTyrLeu 220
Db 780 TCAGATACATCCAGGCAACCATCAAGTGTGAAAGTTGGCCAAAGAGAGATGAAGTGTGCTA 839
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240
Db 840 AGAATGGGCAACGGTCCCTCCATGGGGAACCAACAGCCCTTCTTACTTCCGACGGCTTT 899
QY 241 LeuLeuPheGluThrLys 246
Db 900 CTGCTTTTGAACCTAAG 917

RESULT 8
US-09-312-283C-203
: Sequence 203, Application US/09312283C
: Patent No. 6573095

```

```

? GENERAL INFORMATION:
? APPLICANT: Watson, James D.
? APPLICANT: Strachan, Lorna
? APPLICANT: Sleeman, Matthew
? APPLICANT: Ormest, Rene
? APPLICANT: Marison, James G.
? APPLICANT: Kumble, Krishanand D.
? TITLE OF INVENTION: Compositions Isolated from Skin Cells
? FILE REFERENCE: 11000.1011c2
? CURRENT APPLICATION NUMBER: US/09/312,283C
? CURRENT FILING DATE: 1999-05-14
? NUMBER OF SEQ ID NOS: 425
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 203
? LENGTH: 1123
? TYPE: DNA
? ORGANISM: Mouse
US-09-312-283C-203

```



```

Oy      141 GIUTTRAsnllleglYAsnphepheAapValMeThrGlyArphgheglYlaPProvalSer 160
Db      421 GARACNAAYATGGGNNAAATTTTGTGAAGTNATGACGNMGWNTTGGNGCCNCGTMSN 480
Oy      161 GJYAlTYrPhetheThrPheSerMetwEllyshlgIuaSpvAlguGlUvaITyrval 180
Db      481 GGNGTNTATTYYTYYAACNTTYSMNATGATGARCAVGARGAYGTNGARGARTNTAVGIN 540
Oy      181 TYrLeMeThIAsgGlyAsnrthrValPheSerMetTySerYrglUwEtlYsgJlyls 200
Db      541 TAYYTMATGCAAAGAGGNAAYACNGNTTYSMNATGTAAWSNTAYAGARATGAARGAGNAAR 600
Oy      201 SerAspThrSerSerAsnhIsalavalLeuLySleuAlalyeglyAspgluValTYrPleu 220
Db      601 MSNGAYACQWMSWSNSNAAYCAYGCNGNTYTNTMAARYTMGCNAARGNAGYARGNTGGYTN 660
Oy      221 ArgMetGlyAsngGlyAlaleuhisglYasPhlgslArpgheserThrphealaglyPhe 240
Db      661 MGNATGGGGAAGAAGGNGCNTYNCAVGGNGAYCAACAMGNTTYSMNCNTTYGGCGNTTY 720
Oy      241 LeuleuphegluThrlys 246
Db      721 YTNNTTYTGARACNAAR 738

RESULT 10
US-10-012-605C-7
; Sequence 7, Application US/10012605C
; Patent No. 6692748
GENERAL INFORMATION:
APPLICANT: Haldeman, Betty A.
APPLICANT: Thayer, Edward C.
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
TITLE OF INVENTION: ZACR3X2
FILE REFERENCE: 00-111
CURRENT APPLICATION NUMBER: US/10/012,605C
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 957
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Degenrate polynucleotide sequence encoding a
OTHER INFORMATION: zacrp3x2 polypeptide of SEQ ID NO:2.
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(957)
OTHER INFORMATION: n = A, T, C or G
US-10-012-605C-7

Alignment Scores:
Pred. No.:          4,79e-103           length:       957
Score:              1124.50             Matches:        205
Percent Similarity: 64.26%               Conservative:    0
Best local Similarity: 64.26%            Mismatches:     41
Query Match:         82.26%              Indels:         73
DB:                  4                   gaps:          1

US-10-036-041-2 (1-246) x US-10-012-605C-7 (1-957)
Oy      1 MetLeutRpArgInleuIlleYrrTpGlnLeuLeuAlaleupheLeuPropheCyS 20
Db      1 ATGYTNTGMCNCARVTATHTTAAYTGCGCARVTYNTYGCVNTNTTYYTTCNCTTYTG 60
Oy      21 LeuCygInAspgGluTYrMetGU----- 28
Db      61 YTNNTGCAAGAGARTAYATGGARGTNWSGNGMGNACNAAYARGTNGTNGCMGNATH 120

```

Oy	28	-----	28
Db	121	GTNCARMSNCAYCARCAPACNGGNGMNSNGMNSMGNGAARARBTNNCGNARMGN	180
Oy	28	-----	28
Db	181	MSNCAYCCNARAACNGNACNGTNGAYAAVAAVACNMSNACGAYVTYNNARMSNTTMMGN	240
Oy	28	-----	28
Db	241	CCNGAYGARVTNCCNAYCCNGARGTNGAYGYTNGCNCARATHACNCTTTGGGCGN	300
Oy	29	---SerProGlnThrGlyGlyLeuProProAspCysSerIysCysCysHisGlyAspTyr	47
Db	301	CARMSNCCNARACNGGNGGNTTNCNCNCNGAYTGYTMSAARTGTGTGAYAGNGAYTAY	360
Oy	48	SerPheArgTyrTyrGlnGlyProProGlyProProGlyProProGlyTyleProGlyAsn	67
Db	361	MSNTTMMNGGNTATCARGNGCNCNCNGNCCNCGNGCCNCGNAGNATHCCNGGNALY	420
Oy	68	HisGlyAsnAsnGlyAsnAsnGlyValaThrGlyHisGlyGlyValaIysGlyGlyIysGly	87
Db	421	CAYGNAAYAAAYGGNAAAYAAAYGNGCNCACNGNCNCAYGARGGNGCNARCGNARARAGG	480
Oy	88	AspIysGlyAspPheGlyProArgIysGlyUArgGlyGlnHisGlyProIysGlyGlyIys	107
Db	481	GATTAARGNGAYTNGGNCNMNGNGNARMGNGNCARCAVAGNCCNARAGGNGARAR	540
Oy	108	GlyTyrProGlyIleProProGlyIuGlnIleAlaPheMetAlaSerLeuAlaThrHis	127
Db	541	GNATHYCCNGNATHCCNCNCARVTTCARATHGCTTAYATGGCNMSNTTNCNACNCAY	600
Oy	128	PheSerAsnGlnAsnSerGlyIleIlePheSerSerValGluThrAsnIleGlyAsnPhe	147
Db	601	TTYSNNAAYCARAAAYMSNGNATHATHTTYSNMNSNGTNGADACNAAAYTHGGNAAAYT	660
Oy	148	PheAspValMetThrGlyArgPheGlyAlaProValSerGlyValItyrPhePheThrPhe	167
Db	661	TTYGAYGTNATGACNGGMMGNTTYSNGNCNCNGTMSNGGNTATYTTTYYACNTTY	720
Oy	168	SerMetLeuValHisGlyAspValGluGluValTyrValTyrLeuMetHisAsnGlyAsn	187
Db	721	WSNATGATGAARCAAGAGAYGTNARGARGTNTATGTTATYTNATGCAIYAVGGNAA	780
Oy	188	ThrValPheSerMetTyrSerTyrGluMetIysGlyIysSerAspThrSerSerAsnHis	207
Db	781	ACNGTNTTYSNATGATATWSNATYAGARATGARAGGNAARMSNGAYACMSNMSNAAVCAY	840
Oy	208	AlaValLeuIysLeuAlaIysGlyAspGluValITPLeuArgMetGlyAsnGlyAlaLeu	227
Db	841	GCNGTNTYNNARAYTNGCNAAARGNAGAYGARGTNTGTYTMMGNATGGNAAAYGNGCNYTN	900
Oy	228	HisGlyAspHisGlnArgPheSerThrPheAlaGlyPheLeuLeuPheGluThrIys	246
Db	901	CAYGNGAYCAYCARMGNTTYSNACNTTYSNGGNTTYYTNTTYGARACNAR	957
RESULT 11			
US-09-621-976-3120			
; Sequence 3120, Application US/09621976			
; Patent No. 6639063			
; GENERAL INFORMATION:			
; APPLICANT: Dumas Milne Edwards, J.B.			
; APPLICANT: Jobert, S.			
; APPLICANT: Giordano, J.Y.			
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.			
; FILE REFERENCE: GENSET-054PR2			
; CURRENT APPLICATION NUMBER: US/09/621,976			
; NUMBER OF SEQ ID NOS: 19335			
; SOFTWARE: Patent.pm			
; SEQ ID NO 3120			
; LENGTH: 494			
; TYPE: DNA			

```

; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 98..466
; NAME/KEY: misc_feature
; LOCATION: 461
; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-3120

Alignment Scores:
Pred. No.: 3,93e-72 Length: 494
Score: 811.00 Matches: 156
Percent Similarity: 98.11% Conservative: 0
Best Local Similarity: 98.11% Mismatches: 2
Query Match: 59.33% Indels: 1
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-621-976-3120 (1-494)
QY 89 LysGlyAspLeuGlyProArgGlyGluArgGlyGlnHisGlyProLysGlyGluLysGly 108
Db 2 AAAGGTACCTGGGGGCTCGAGGGGAGCKGGGGAGAGATGCCCAAGAGAGAGAGGGC 61
QY 109 TyrProGlyIleProProGluLeuGlnIleAlaPheMetAlaSerLeuAlaThrIsphe 128
Db 62 TACCCGGGGATTCACACCAAGCTTCAGATTCATTCGCTTCCTCGCAACCCACTTC 121
QY 129 SerAsnGlnAsnSerGlyIleIlePheSerSerValGlnThrAsnIleGlyAsnPhe 148
Db 122 AGCAATAGAAACAGTGGGATTAATCTTCAGCAGATGTTGAGCAACCAATTCGAACTTC 181
QY 149 AspValMetThrGlyArgPheGlyAlaProValSerGlyValTyrPhePheThrPheSer 168
Db 182 GATGTGATGACTGTAGATTTGGGGGCCCAAGTATCAGGTGTGATTTCTTCACCTTCAG 241
QY 169 MetMetIleHisGluAspValGluGluValTyrValTyrLeuMetHisAsnGlyAsnThr 188
Db 242 ATATGAGAGATGAGAGATGTTGAGAGAGATGATGATGATGATGATGATGATGATGAT 301
QY 189 ValPheSerMetTyrSerTyrGlnMetLysGlyLysSerAspHisSerSerAsnHisAla 208
Db 302 GTCTTCAGATGACCTATGAAATGAAAGGGCAATCAATACATTCACCAATCAATGCT 361
QY 209 ValLeuLysLeuAlaLysGlyAspGluValTyrPheLysMetGlyAsnGlyAlaLeuHis 228
Db 362 GTCTGAGAGCTAGCAAAAGGGATGAGTTKGCTGGGATGGCAATGGCGCTTCCTCAT 421
QY 229 GlyAspHisGlnArgPheSerThrPheAlaGlyPheLeu-LeuPheGluThrLys 246
Db 422 GGGGACCAACCAAGCTTCACCTTCAGAGATTCCTGATCTTGAAACTAAG 476

RESULT 12
US-09-513-999C-2872
; Sequence 2872, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J. B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J. Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 2872
; LENGTH: 471
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

```

```

; NAME/KEY: CDS
; LOCATION: 158..469
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 461
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 102
; OTHER INFORMATION: Xaa=His or Asn
US-09-513-999C-2872

Alignment Scores:
Pred. No.: 3,59e-63 Length: 471
Score: 721.00 Matches: 127
Percent Similarity: 99.22% Conservative: 0
Best Local Similarity: 99.22% Mismatches: 1
Query Match: 52.74% Indels: 1
DB: 4 Gaps: 0

US-10-036-041-2 (1-246) x US-09-513-999C-2872 (1-471)
QY 1 MetLeuTPArgGlnLeuIleTyrTyrPglLeuLeuAlaLeuPheLeuProPheCys 20
Db 88 ATGCTTTGAGGCACTCATCTATTGGCAACTGCTGGCTTTGTTTCTCTCTCTTTTGC 147
QY 21 LeuCysGlnAspGluTyrMetGluSerProGlnThrGlyLysLeuProAspCysSer 40
Db 148 CTGTGTCAAGATGATACATGAGATCTCCACAAACCGAGAGACTACCCCACTGCAGT 207
QY 41 LysCysCysHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60
Db 208 AAGTGTTCATGAGACATACAGCTTCGAGGCTACCAAGGCCCTCGGGGCAACCGAGC 267
QY 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlu 80
Db 268 CCTCTGGCATTCACGAAACCATGGAACAATGGCAACAATGGCAACTGCTCATGAA 327
QY 81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLysGlyProArgGlyGluLysGln 100
Db 328 GAGGCCAAAGTGAAGAGGCGACAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 387
QY 101 HisGlyProLysGlyGluLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db 388 CATGGCCCCAAAGAGAGAGAGGCTACCCGGGATTCACACAGAACTTCAGATTGCATTC 447
QY 121 MetAlaSerLeuAlaThrHisPhe 128
Db 448 ATGGCTTCTCTGGM-ACCCACTTC 470

RESULT 13
US-10-012-605C-5
; Sequence 5, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/012,605C
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 436
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS

```

LOCATION: (1) ... (436)  
US-10-012-605C-5

Alignment Scores:  
Pred. No.: 1,32e-29 Length: 436  
Score: 384.50 Matches: 72  
Percent Similarity: 49.66% Conservative: 0  
Best Local Similarity: 49.66% Mismatches: 0  
Query Match: 28.13% Indels: 73  
DB: 4 Gaps: 1

US-10-036-041-2 (1-246) x US-10-012-605C-5 (1-436)

QY 12 LeuAlaLeuPhePheLeuProPheCysLeuGlyAspGlyTyrMetGlu----- 28  
DB 1 CTGGCTTGTGTTTCTCTCCCTTTTGTGCTGTCAAGATGATGATGAGGTGAGCGGA 60  
QY 28 ----- 28  
DB 61 AGACTAATAAGTGTGGCAAGATATGTCAAAGCCACCAGCAGACTGGCCGTAGCGGC 120  
QY 28 ----- 28  
DB 121 TCCAGAGGAGAAAGTGAAGAGCGGAGCCACTCTTAAACTGGACTGTGATATATAC 180  
QY 28 ----- 28  
DB 181 ACTTCTACAGACTTAAATCCCTGAGACCAATGAGCTACCGACCCGAGTAGATGAC 240  
QY 29 -----SerProGlnThrGlyGlyLeuProProAsp 38  
DB 241 CTAGCCAGATACCAACATTTGGGGCCAGTCTCCCAACCGGAGACTACCCCGAGAC 300  
QY 39 CysSerLeuCysCysHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyPro 58  
DB 301 TGCAGTAATGTGTGTATGAGACATACAGCTTTCCAGGCTTACCAAGGCCCTCGGCCA 360  
QY 59 ProGlyProProGlyTyrLeuProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGly 78  
DB 361 CCGGGCCCTCTCGGCAATTCAGAGAAACATGAAACATGCAACATGGAGCCACTGGT 420  
QY 79 HisGlnGlyAlaLeu 83  
DB 421 CATGAAGAGCCAAA 435

RESULT 14  
US-09-188-930-217  
Sequence 217, Application US/09188930A  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Sleeman, Matthew  
APPLICANT: Onrust, Rene  
TITLE OF INVENTION: Compositions Isolated From Skin Cells  
FILE REFERENCE: 11000.1011c1  
CURRENT APPLICATION NUMBER: US/09/188,930A  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 348  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 217  
LENGTH: 1107  
TYPE: DNA  
ORGANISM: Rat  
US-09-188-930-217

Alignment Scores:  
Pred. No.: 3,36e-22 Length: 1107  
Score: 316.00 Matches: 86  
Percent Similarity: 42.62% Mismatches: 41  
Best Local Similarity: 28.86% Mismatches: 89

Query Match: 23.12% Indels: 82  
DB: 3 Gaps: 12

US-10-036-041-2 (1-246) x US-09-188-930-217 (1-1107)

QY 6 LeuIleTyrTrpGlnLeuLeuAlaLeuPhePheLeuProPheCysLeuGlyAsnGly 25  
DB 174 ATGATCTCTGATGATGCTCTTGGCTGT---GCCCTTCCG-----TGTCTGTGAC 221  
QY 26 TyrMet-----GluSerProGlnThrGlyGlyLeuProProAspCys 39  
DB 222 CCAATGCTTGTGCTTGTGCTGTCAGAGGACTTCCAGAGGAGGTGCTCACTGTGCTC 281  
QY 40 SerLeuCysCysHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyPro 59  
DB 282 AGT-----CTGCCCTGTCCCAAGGCCCACT 308  
QY 60 GlyProProGlyTyrLeuProGlyAsnHisGlyAsnAsnGlyAlaThrGlyHis 79  
DB 309 GGCCTCTCCAGAGCACCAAGATCTCAGAAATGTGGAAAGATGGTTTCTGTGAAG 368  
QY 80 GlnGlyAlaLeuGlyGlyLeuGlyAspGlyAsp----- 91  
DB 369 GATGGCAAGAGGCGCAGAGCGAGACCGAGGAGACAGTGAAGAAAGTCCACCTGGC 428  
QY 92 -----Leu 92  
DB 429 AGGACAGGCAACCGAAGAAACAGAGCAACCAAGGCAAGCTGGGCACTGGAGAGCG 488  
QY 93 GlyProArgGlyGlnArg-----GlyGln 100  
DB 489 GGTCTCTGAGAGCCCAAGGGGCTCAGTGTATCCCCGGGAAACATGTATACCGGAGAG 548  
QY 101 HisGlyProLeuGlyGlyLeuGlyTyrProGlyTyrPro----- 113  
DB 549 AAGGACCTAAGGAGCAAGAAAGGAGAACTGGGGCTCCAGGCCCTGTAGCTGGCGCAG 608  
QY 114 ProGluLeuGlnIleAlaPheMetAlaSerLeuAlaThrHisPheSerAsnGlnSer 133  
DB 609 ACCCGAGCCAAAGTCCGCTTTTCGTGGCGGTAAACCAAGAGTATCCACGTAGCGACTG 668  
QY 134 GlyIleIlePheSerSerValGlnThrAsnIleGlyAsnPhePheAspValMetThrGly 153  
DB 669 CCATCAAGTTGACAAAGTTCTGATGAATGAGGGGACCTACATCATTCAGTGGC 728  
QY 154 ArgPheGlyAlaProValSerGlyValTyrPhePheThrPheSerMetMet----- 170  
DB 729 AAGTTCGTCTGAGCGTGCAGGAGATCTATTACTTACCTATGACATTACGCGCCAAC 788  
QY 171 LysHisGluAspValGlnGluValTyrValTyrLeuMetHisAsnGlyAsnThrValPhe 190  
DB 789 AAACAC-----CTGGCCATCGGCTGTAGTCAACAATGGCCAG-----TAC 827  
QY 191 SerMetTyrSerTyrGlnMetLys---GlyLysSerAspThrSerSerAsnHisAlaVal 209  
DB 828 CGCATTCGAGCTTTGACCCCAACCGGCAACCAACAGAGTGGCTCGGGCTTCACCATC 887  
QY 210 LeuLysLeuAlaLeuGlyAspGluValTyrPheLysMet-----GlyAsnGly 225  
DB 888 CTAGCTCTCAAGAGAGGTATGATAGCTGTATACAGATTCTTACTCGAGAGCAATGGA 947  
QY 226 AlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPheLeuLeuPhe 243  
DB 948 CTCTTCTACAGACCTTATATGACCGACCGCTTTCACCGGCTTCTCATTTAC 1001

RESULT 15  
US-09-312-283C-217  
Sequence 217, Application US/09312283C  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Sleeman, Matthew

```

: APPLICANT: Ornust, Rene
: APPLICANT: Morrison, James G.
: APPLICANT: Kumble, Krishanand D.
: TITLE OF INVENTION: Compositions Isolated from Skin Cells
: TITLE OF INVENTION: and Methods for Their Use
: FILE REFERENCE: 11000.1011c2
: CURRENT APPLICATION NUMBER: US/09/312,283C
: CURRENT FILING DATE: 1999-05-14
: NUMBER OF SEQ. ID NOS: 425
: SOFTWARE: FascSeq for Windows Version 4.0
: SEQ ID NO 217
: LENGTH: 1107
: TYPE: DNA
: ORGANISM: Mouse
US-09-312-283C-217

```

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - nucleic search, using frame\_plus\_p2n model

Run on: February 24, 2005, 10:02:13 ; Search time 579 Seconds

(without alignments)  
2511.195 Million cell updates/sec

Title: US-10-036-041-2

Perfect score: 1367  
Sequence: 1 MIMROLIYWQIALLPFLPC.....LHGDRSTPAGFLFETK 246

Scoring table:

BLOSUM62  
Xgapop 10.0 , Xgapext 0.5  
Ygapop 10.0 , Ygapext 0.5  
Fgapop 6.0 , Fgapext 7.0  
Delop 6.0 , Delext 7.0

Searched: 5384158 seqs, 2955248155 residues

Total number of hits satisfying chosen parameters: 10768316

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Command line parameters:

-MODE=frame+ p2n.model -DEV=x1h  
-O=/cgn2\_1/USPTO.spool/US10036041/runat\_22022005\_105906\_19341/app.query.fasta\_1.391  
-DB=Published Applications NA -QFMT=fastap -SUFFIX=p2n.rnpb -MINMATCH=0.1  
-LOOPT=0 -LOOPTXT=0 -UNIT=bits -START=1 -END=1 -MATRIX=blosum62  
-TRANS=human40.cdi -LIST=45 -DOCALLIGN=200 -THR SCORE=pct -THR MAX=100  
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pct -NORM=ext -HEATSIZE=500 -MINLEN=0  
-MAXLEN=200000000 -USRR=US10036041 @CGN\_1\_1\_678 @runat\_22022005\_105906\_19341  
-NCPU=6 -ICPU=3 -NO MMAP -LARGEQUERY -NEG SCORES=0 -WAIT -DSPBLOCK=100  
-LONGLOG -DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREDS=1 -XGAPOP=10 -XGAPEXT=0.5  
-FAPOP=6 -FAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Published Applications NA:\*

1: /cgn2\_6/ptodata/2/pubpna/US07\_PUBCOMB.seq:\*  
2: /cgn2\_6/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:\*  
3: /cgn2\_6/ptodata/2/pubpna/US06\_NEW\_PUB.seq:\*  
4: /cgn2\_6/ptodata/2/pubpna/US07\_NEW\_PUB.seq:\*  
5: /cgn2\_6/ptodata/2/pubpna/US06\_PUBCOMB.seq:\*  
6: /cgn2\_6/ptodata/2/pubpna/PCTUS\_PUBCOMB.seq:\*  
7: /cgn2\_6/ptodata/2/pubpna/US08\_NEW\_PUB.seq:\*  
8: /cgn2\_6/ptodata/2/pubpna/US09\_PUBCOMB.seq:\*  
9: /cgn2\_6/ptodata/2/pubpna/US09A\_PUBCOMB.seq:\*  
10: /cgn2\_6/ptodata/2/pubpna/US09B\_PUBCOMB.seq:\*  
11: /cgn2\_6/ptodata/2/pubpna/US09C\_PUBCOMB.seq:\*  
12: /cgn2\_6/ptodata/2/pubpna/US09\_NEW\_PUB.seq:\*  
13: /cgn2\_6/ptodata/2/pubpna/US10A\_PUBCOMB.seq:\*  
14: /cgn2\_6/ptodata/2/pubpna/US10B\_PUBCOMB.seq:\*  
15: /cgn2\_6/ptodata/2/pubpna/US10C\_PUBCOMB.seq:\*  
16: /cgn2\_6/ptodata/2/pubpna/US10D\_PUBCOMB.seq:\*  
17: /cgn2\_6/ptodata/2/pubpna/US10E\_PUBCOMB.seq:\*  
18: /cgn2\_6/ptodata/2/pubpna/US10F\_PUBCOMB.seq:\*  
19: /cgn2\_6/ptodata/2/pubpna/US10F\_NEW\_PUB.seq:\*  
20: /cgn2\_6/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*  
21: /cgn2\_6/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*  
22: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1367	100.0	741	17	US-10-332-947-10	Sequence 10, Appl
2	1367	100.0	842	17	US-10-236-392-67	Sequence 67, Appl
3	1367	100.0	1696	15	US-10-012-605C-3	Sequence 3, Appl
4	1367	100.0	1696	16	US-10-322-164-1	Sequence 1, Appl
5	1367	100.0	1696	17	US-10-719-205-3	Sequence 3, Appl
6	1367	100.0	1712	10	US-09-931-836-1	Sequence 1, Appl
7	1367	100.0	1712	13	US-10-036-342-1	Sequence 1, Appl
8	1367	100.0	1712	13	US-10-036-041-1	Sequence 1, Appl
9	1367	100.0	1712	14	US-10-036-855-1	Sequence 1, Appl
10	1367	100.0	1712	14	US-10-036-224-1	Sequence 1, Appl
11	1367	100.0	1712	14	US-10-035-719-1	Sequence 1, Appl
12	1367	100.0	1712	14	US-10-036-160-1	Sequence 1, Appl
13	1367	100.0	1712	14	US-10-035-958-1	Sequence 1, Appl
14	1367	100.0	1712	14	US-10-036-150-1	Sequence 1, Appl
15	1367	100.0	1712	14	US-10-036-063-1	Sequence 1, Appl
16	1367	100.0	1712	15	US-10-035-977-1	Sequence 1, Appl
17	1367	100.0	1712	18	US-10-884-091-1	Sequence 1, Appl
18	1367	100.0	1712	18	US-10-490-318-37	Sequence 37, Appl
19	1320.5	96.6	957	15	US-10-012-605C-1	Sequence 1, Appl
20	1320.5	96.6	957	17	US-10-719-205-1	Sequence 1, Appl
21	1320.5	96.6	960	17	US-10-332-947-9	Sequence 9, Appl
22	1311	95.9	1035	10	US-09-866-050A-424	Sequence 424, App
23	1311	95.9	1035	14	US-10-152-661-424	Sequence 424, App
24	1311	95.9	1117	16	US-10-321-164-11	Sequence 11, Appl
25	1311	95.9	1123	10	US-09-866-050A-28	Sequence 28, Appl
26	1311	95.9	1123	10	US-09-866-050A-203	Sequence 203, App
27	1311	95.9	1123	14	US-10-152-661-28	Sequence 28, Appl
28	1311	95.9	1123	14	US-10-152-661-203	Sequence 203, App
29	1291.5	94.5	1927	17	US-10-169-395-59	Sequence 59, Appl
30	1226.5	89.7	755	17	US-10-236-392-65	Sequence 65, Appl
31	1208	88.4	1820	14	US-10-091-458-21	Sequence 21, Appl
32	1208	88.4	1820	17	US-10-191-254-21	Sequence 21, Appl
33	1197	87.6	2182	10	US-09-918-624B-9	Sequence 9, Appl
34	1171	85.7	738	16	US-10-321-164-10	Sequence 10, Appl
35	1124.5	82.3	957	15	US-10-012-605C-7	Sequence 7, Appl
36	1124.5	82.3	957	17	US-10-719-205-7	Sequence 7, Appl
37	849	62.1	1608	9	US-09-822-849A-359	Sequence 359, App
38	792.5	58.0	672	17	US-10-169-395-49	Sequence 49, Appl
39	602	44.0	400	17	US-10-242-535A-10353	Sequence 10353, A
40	602	44.0	400	17	US-10-085-783A-10353	Sequence 10353, A
41	574	42.0	327	17	US-10-242-535A-13340	Sequence 13340, A
42	574	42.0	327	17	US-10-085-783A-13340	Sequence 13340, A
43	513.5	37.6	546	14	US-10-052-283-240	Sequence 240, App
44	492.5	36.0	426	10	US-09-918-995-35651	Sequence 35651, A
45	406	29.7	320	17	US-10-242-535A-34961	Sequence 34961, A

## ALIGNMENTS

RESULT 1  
US-10-332-947-10  
; Sequence 10, Application US/10332947  
; Publication No. US20040092713A1  
; GENERAL INFORMATION:  
; APPLICANT: Agarwal, Pankaj  
; APPLICANT: Cogswell, John P.  
; APPLICANT: Lai, ying-Ta  
; APPLICANT: Martensen, Shelby A.  
; APPLICANT: Ritzvi, Safia K.  
; APPLICANT: Smith, Randall F.  
; APPLICANT: Strum, Jay C.  
; APPLICANT: Xiang, ZhaoYing  
; APPLICANT: Xie, Qing  
; TITLE OF INVENTION: NOVEL COMPOUNDS  
; FILE REFERENCE: GP50031  
; CURRENT APPLICATION NUMBER: US/10/332,947  
; CURRENT FILING DATE: 2003-08-19  
; PRIOR APPLICATION NUMBER: PCT/US01/21985  
; PRIOR FILING DATE: 2001-07-12

PRIOR APPLICATION NUMBER: 60/218,033  
PRIOR FILING DATE: 2000-07-12  
PRIOR APPLICATION NUMBER: 60/226,517  
PRIOR FILING DATE: 2000-08-21  
NUMBER OF SEQ ID NOS: 56  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 10  
LENGTH: 741  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-332-947-10

Alignment Scores:  
Pred. NO.: 1,17e-148 Length: 741  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 17 Gaps: 0

US-10-036-041-2 (1-246) x US-10-332-947-10 (1-741)

QY 1 MetLeuTPaTgInLeuIleTYTTPGInLeuLeuAlaLeuPhePheLeuProPheCys 20  
Db 1 ATGCTTGGAGCGACTCATCTATTTGGCACTGCTGCTTTTCTCTCTCTTTTTC 60  
QY 21 LeuCYsGInaSPGluTYMetGluSerProGInthrGlyLeuProProaSPCYsSer 40  
Db 61 CTGCTCAAGTGAATGATGAGTCTTCCACAAACCGAGAGCTACCCCGAGCTGAGT 120  
QY 41 LysCYsGInaSPGluTYMetGluSerPheArgGlyTYTgInGlyProProGlyProProGly 60  
Db 121 AAGGTGTGTCAAGGAGTCAAGCTTTCAGGCTACCAAGGCCCGCCCGGCGCCAG 180  
QY 61 ProProGlyIleProGlyAAsnHisGlyAAsnAnglyAlaThrGlyHisGlu 80  
Db 181 CCTCTGGCATTCAGAGAAACCATGGAACATGAGCAATGAGCCACTGTGCATGAA 240  
QY 81 GlyAlaLysGlyGluLysGlyAAspLysGlyAAspLeuGlyProaArgGlyGluArgGlyGln 100  
Db 241 GGAAGCCAAAGTGAAGAGGCGCAAAAGTACCTGGGGGCTCCAGGGGCGGAG 300  
QY 101 HisGlyProLysGlyGluLysGlyTYTProGlyIleProProGlyLeuGlnIleAlaPhe 120  
Db 301 CATGGCCCAAGAGAGAGAGGCTACCCGGGATTCACAGAACTTCAGATTGCATTC 360  
QY 121 MetAlaSerLeuAlaThrHisPheSerAAsnGlnAAsnSerGlyIleIlePheSerSerVal 140  
Db 361 ATGCTCTCTGGCAACCCACTTCAGCAATCAGAAAGTGGATTATCTTCAGCAGTGT 420  
QY 141 GluThrAAsnIleGlyAAsnPhePheAAspValMetThrGlyArgPheGlyAlaProValSer 160  
Db 421 GAGACCAACATTGGAAACTCTTTGAGTTCATGCTGTGATTTGGGGCCCAAGATCA 480  
QY 161 GlyAlaTYRPhetheThrPheSerMetMetLysHisGlyLysPValGluGluValTYRVal 180  
Db 481 GGTGTGATTTCTTCACCTTCAGCATATGAGCATGAGATGTTTGAAGAGTATAGT 540  
QY 181 TYRLeuMetHisAnglyAAsnThrValPheSerMetTYRserTYRglnMetLysGlyLys 200  
Db 541 TACCTTATGCAACATGGCAACACAGTCTTCAGCATGTACGCTATGAAAGAGGGGCAAA 600  
QY 201 SerAAspThrSerSerAAsnHisAlaValLeuLysLeuAlaLysGlyAAspGluValTYRLeu 220  
Db 601 TCAATATCATCCAGCAATCATGCTGTGCTGTAAGCTTACCAAGGAGATGAGTGTGCTG 660  
QY 221 ArgMetGlyAAsnGlyAlaLeuHisGlyAAspHisGlnArgPheSerThrPheAlaGlyPhe 240  
Db 661 CGAATGGGCAATGGCGCTCTCCATGGGGGACCAACAAAGCTTCTCACACTTTGACAGATTC 720  
QY 241 LeuLeuPheGluThrLys 246  
Db 721 CTGCTCTTGAACCTAAG 738

## RESULT 2

US-10-236-392-67

Sequence 67, Application US/10236392

Publication No. US20040067490A1

GENERAL INFORMATION:

APPLICANT: Anderson, David W

APPLICANT: Boldog, Ferenc L

APPLICANT: Burgess, Catherine, E

APPLICANT: Casman, Steacie J

APPLICANT: Catterton, Elina

APPLICANT: Chapoval, Andrei

APPLICANT: Crabtree, Julie

APPLICANT: Edinger, Shlomil, R

APPLICANT: Eilerman, Karen

APPLICANT: Gerlach, Valerie

APPLICANT: Gorman, Linda

APPLICANT: Grosse, William M

APPLICANT: Guzey, Vladimir

APPLICANT: Kekuda, Ramesh

APPLICANT: LaRocheville, William J

APPLICANT: Li, Li

APPLICANT: MacDougall, John R

APPLICANT: Malyankar, Uriel M

APPLICANT: Miller, Charles E

APPLICANT: Miller, Isabelle

APPLICANT: Padigaru, Muralidhara

APPLICANT: Paturajan, Meera

APPLICANT: Pena, Carol A

APPLICANT: Peyman, John A

APPLICANT: Rastelli, Luca

APPLICANT: Reiger, Daniel K

APPLICANT: Rothenberg, Mark B

APPLICANT: Shenoy, Suresh

APPLICANT: Shinkets, Richard A

APPLICANT: Smithson, Glenda

TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: 21402-442A

CURRENT APPLICATION NUMBER: US/10/236,392

CURRENT FILING DATE: 2002-09-06

PRIOR APPLICATION NUMBER: US09/540,763

PRIOR FILING DATE: 2000-03-30

PRIOR APPLICATION NUMBER: US60/390,155

PRIOR FILING DATE: 2002-06-19

PRIOR APPLICATION NUMBER: US09/635,949

PRIOR FILING DATE: 2000-08-10

PRIOR APPLICATION NUMBER: US60/318,765

PRIOR FILING DATE: 2001-09-12

PRIOR APPLICATION NUMBER: US60/357,303

PRIOR FILING DATE: 2002-02-15

PRIOR APPLICATION NUMBER: US60/367,753

PRIOR FILING DATE: 2002-03-25

PRIOR APPLICATION NUMBER: US60/369,479

PRIOR FILING DATE: 2002-04-02

PRIOR APPLICATION NUMBER: US09/659,634

PRIOR FILING DATE: 2000-09-12

PRIOR APPLICATION NUMBER: US60/318,120

PRIOR FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: US60/318,130

PRIOR FILING DATE: 2001-09-07

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 794

SOFTWARE: Custom

SEQ ID NO 67

LENGTH: 842

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (49)..(787)

US-10-236-392-67

Alignment Scores:

Pred. No.: 1.39e-148 Length: 842  
 Score: 1367.00 Matches: 246  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 17 Gaps: 0

US-10-036-041-2 (1-246) x US-10-236-392-67 (1-842)

QY 1 MetLeuTPARGLInleuileTyTrpGlnLeuLeuAlaLeuPheLeuProPheCys 20  
 DB 49 ATGCTTTGAGGACAGCTCATCTATTGCGCAACTGCTGCTTTGTTTCTCCCTTTTTCG 108  
 QY 21 LeuCySGInAspGluuTyMetGluSerProGlnThrglyGlyLeuProProAspCysSer 40  
 DB 109 CTGTGCAAGATGATACATGAGTCTCCAAACCGAGGACTACCCCAAGCTGCACTG 168  
 QY 41 LysCySCysHisGlyAspTySerPheArgGlyTyTrgInglyProProGlyProProGly 60  
 DB 169 AAGTGTTCATGAGACATCAAGCTTCCAGGCTACCAAGGCCCCCTGGGCCACCGGGC 228  
 QY 61 ProProGlyTyLeProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrglyHisGly 80  
 DB 229 CCTCCGCGCATTCAGAGAAACCATGGAACAATGCAACATGAGCCCACTGGTCATGAA 288  
 QY 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGlyLysGlyGln 100  
 DB 289 GGAAGCCAAAGTGAGAGAGGCGCAAGAGTGAACCTGAGGCGCTCGAGGAGCGGGGCG 348  
 QY 101 HisGlyProLysGlyGlyLysGlyTyTrpGlyTyLeProProGlyLeuGlnIleAlaPhe 120  
 DB 349 CATGGCCCCAAGAGAGAGAGGCTACCGGGGATTCACACAGAACTTCAGATTGCATTC 408  
 QY 121 MetAlaSerLeuAlaThrglyPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140  
 DB 409 ATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTAATCTTCAGCAGTGT 468  
 QY 141 GluThrAsnIleGlyAsnPheAspValMetThrglyArgPheGlyLysLysLysLys 160  
 DB 469 GAGACCAACATGGAGAACTCTTGTATGATGATGATGATGATGATGATGATGATGATG 528  
 QY 161 GlyValTyPhePheThrpPheSerMetLysHisGlyAspValGluGluValTyVal 180  
 DB 529 GGTGTATATTTCTTCACTTCAGCATGATGAGAGATTTGAAGAGTGTATG 588  
 QY 181 TyLeuMetHisAsnGlyAsnThrglyPheSerMetTySerTyGluMetLysGlyLys 200  
 DB 589 TACCTTATGCAACATGCAACACAGTCTTCAGCATGATGATGATGATGATGATGATG 648  
 QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyPhe 220  
 DB 649 TCAGATACATCCAGCAATCATGCTGTGCTGAGCTGCAAAAGGGATGAGTGTGCTG 708  
 QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrpPheAlaGlyPhe 240  
 DB 709 CGAATGGCAATGGCCCTCTCCATGGGAGCACCAACAGCTTCTCCACTTTGACGAGATTC 768  
 QY 241 LeuLeuPheGluThrLys 246  
 DB 769 CTGCTCTTTGAAACTAAG 786

RESULT 3

US-10-012-605C-3  
 ; Sequence 3, Application US/10012605C  
 ; Publication No. US20030104602A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Haldeman, Betty A.  
 ; APPLICANT: Shepherd, Paul O.  
 ; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN  
 ; FILE REFERENCE: 00-111  
 ; CURRENT APPLICATION NUMBER: US/10/012,605C

; CURRENT FILING DATE: 2002-08-14  
 ; PRIOR APPLICATION NUMBER: US 60/254,019  
 ; PRIOR FILING DATE: 2000-12-07  
 ; NUMBER OF SEQ ID NOS: 23  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 1696  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (69) ... (806)  
 ; US-10-012-605C-3

Alignment Scores:  
 Pred. No.: 3.59e-148 Length: 1696  
 Score: 1367.00 Matches: 246  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 15 Gaps: 0

US-10-036-041-2 (1-246) x US-10-012-605C-3 (1-1696)

QY 1 MetLeuTPARGLInleuileTyTrpGlnLeuLeuAlaLeuPheLeuProPheCys 20  
 DB 69 ATGCTTTGAGGACAGCTCATCTATTGCGCAACTGCTGCTTTGTTTCTCCCTTTTTCG 128  
 QY 21 LeuCySGInAspGluuTyMetGluSerProGlnThrglyGlyLeuProProAspCysSer 40  
 DB 129 CTGTGCAAGATGATACATGAGTCTCCAAACCGAGGACTACCCCAAGCTGCACTG 188  
 QY 41 LysCySCysHisGlyAspTySerPheArgGlyTyTrgInglyProProGlyProProGly 60  
 DB 189 AAGTGTTCATGAGACATCAAGCTTCCAGGCTACCAAGGCCCCCTGGGCCACCGGGC 248  
 QY 61 ProProGlyTyLeProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrglyHisGly 80  
 DB 249 CCTCCGCGCATTCAGAGAAACCATGGAACAATGCAACATGAGCCCACTGGTCATGAA 308  
 QY 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGlyLysGlyGln 100  
 DB 309 GGAAGCCAAAGTGAGAGAGGCGCAAGAGTGAACCTGGGGCTCGAGGGAGCGGGGCG 368  
 QY 101 HisGlyProLysGlyGlyLysGlyTyTrpGlyTyLeProProGlyLeuGlnIleAlaPhe 120  
 DB 369 CATGGCCCCAAGAGAGAGAGGCTACCGGGGATTCACACAGAACTTCAGATTGCATTC 428  
 QY 121 MetAlaSerLeuAlaThrglyPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140  
 DB 429 ATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTAATCTTCAGCAGTGT 488  
 QY 141 GluThrAsnIleGlyAsnPheAspValMetThrglyArgPheGlyLysLysLysLys 160  
 DB 489 GAGACCAACATGGAGAACTCTTGTATGATGATGATGATGATGATGATGATGATGATG 548  
 QY 161 GlyValTyPhePheThrpPheSerMetLysHisGlyAspValGluGluValTyVal 180  
 DB 549 GGTGTATATTTCTTCACTTCAGCATGATGAGAGATGATGATGATGATGATGATGATG 608  
 QY 181 TyLeuMetHisAsnGlyAsnThrglyPheSerMetTySerTyGluMetLysGlyLys 200  
 DB 609 TACCTTATGCAACATGCAACACAGTCTTCAGCATGATGATGATGATGATGATGATGATG 668  
 QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyPhe 220  
 DB 669 TCAGATACATCCAGCAATCATGCTGTGCTGAGCTGCAAAAGGGATGAGTGTGCTG 728  
 QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrpPheAlaGlyPhe 240  
 DB 729 CGAATGGCAATGGCCCTCTCCATGGGAGCACCAACAGCTTCTCCACTTTGACGAGATTC 788  
 QY 241 LeuLeuPheGluThrLys 246

```

Db      789 CTGCTCTTTGAACCTAAG 806
|||||
RESULT 4
US-10-321-164-1
; Sequence 1, Application US/10321164
; Publication No. US20030165530A1
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3
; FILE REFERENCE: 99-09
; CURRENT APPLICATION NUMBER: US/10/321,164
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US/09/552,225A
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,199
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (69)...(806)
US-10-321-164-1

Alignment Scores:
Pred. No.:      3,59e-148      Length:      1696
Score:          1367.00      Matches:      246
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match:    100.00%      Indels:      0
DB:             16           Gaps:        0

US-10-036-041-2 (1-246) x US-10-321-164-1 (1-1696)

QY      1 MetLeuTPARglnLeuileTyrrTrrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db      69 ATGCTTTGAGGAGGAGCTCATCTATTGGCAACTGCTGGCTTTGTTCTCTCCCTTTTTC 128

QY      21 LeuCySGlnAspGlnuTyrmecGlnuSerProGlnThrglyGlyLeuProProAspCysSer 40
Db      129 CTGTGTCAAGATGATGATGAGTCTCCACAAACCGAGAGACTRACCCCGAGACTGCAGT 188

QY      41 LysCySGHISgIyAspTySerPheArGlyTyrgInglyProProGlyProProGly 60
Db      189 AAGTGTTCATGAGAGACTACAGCTTTCGAGGCTACCAAGGCCCTCGGGCCACCGGGC 248

QY      61 ProProGlyIleProGlyAsnHISgIyAsnHISgIyAsnHISgIyAlaThrglyYHISgIu 80
Db      249 CTTCTCGGATTCACGAGAAACCATGAGAAACATGAGCAATGAGCCACTGTGTCATGAA 308

QY      81 GYAAlaYsgIyGluYsgIyAspIySgIyAspLeuGlyProArGlyGlyuArGlyGln 100
Db      309 GAGGCCAAAGTGAAGAGGCGCAAAAGTGAACCTGGGGCCTCGAGSGGAGCGGGGCGAG 368

QY      101 HISgIyProYsgIyGluYsgIyTyrrProGlyIleProProGlyLeuGlnIleAlaPhe 120
Db      369 CATGCCCCCAAGAGAGAGAGGGCTACCGGGGATTCACACCAAGACTTCAGATTGCATTC 428

QY      121 MetAlaSerLeuAlaThrHISgIyPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140
Db      429 AAGGCTTCTCTGGCAACCATCTTCAGCAATCGAAGCACTGGAGATTATCTTACAGAGTTC 488

QY      141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArGpPheGlyAlaProValSer 160
Db      489 GAGACCAACATTTGAAACTCTTTGATGTGATGATGATGATTTGGGGCCCGCATATCA 548

QY      161 GYAAlaYrrPhePheThrPheSerMetMetIySHISgIyAspValGluGlnValTyrrVal 180

```

```

Db      549 GGTGTGATATTTCTTCACCTTCAGCATGATGAAGCATGAGATGTTGAGGAAGTATATG 608
QY      181 TyrLeuMetHISgIyAsnHISgIyAsnHISgIyPheSerTyrrGlyMetIySgIyYs 200
Db      609 TACCTTATGACATGAGCAACAGCTTCAGCATGATGATGAAATGAAGGACAA 668

QY      201 SerAspThrSerSerAsnHISgIyAlaValLeuYsLeuAlaYsgIyAspGluValTrrLeu 220
Db      669 TCAGATACATCCAGCAATCATGCTGTCTGAAAGCTTACCCAAAGGGGATGAGGTTGGCTG 728

QY      221 ArgMetGlyAsnGlyAlaLeuHISgIyAspHISgIyAsnGlyPheSerThrPheAlaGlyPhe 240
Db      729 CGAATGGGCAATGGCCCTTCATGAGGACCAACCAAGCTTCTCCACCTTTCAGAGATTC 788

QY      241 LeuLeuPheGlyuThrYs 246
Db      789 CTGCTCTTTGAACCTAAG 806

RESULT 5
US-10-719-205-3
; Sequence 3, Application US/10719205
; Publication No. US20040086971A1
; GENERAL INFORMATION:
; APPLICANT: Haldeman, Betty A.
; APPLICANT: Thayer, Edward C.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
; FILE REFERENCE: 00-111
; CURRENT APPLICATION NUMBER: US/10/719,205
; PRIOR FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US/10/012,605C
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/254,019
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1696
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (69)...(806)
US-10-719-205-3

Alignment Scores:
Pred. No.:      3,59e-148      Length:      1696
Score:          1367.00      Matches:      246
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match:    100.00%      Indels:      0
DB:             17           Gaps:        0

US-10-036-041-2 (1-246) x US-10-719-205-3 (1-1696)

QY      1 MetLeuTPARglnLeuileTyrrTrrpGlnLeuLeuAlaLeuPheLeuProPheCys 20
Db      69 ATGCTTTGAGGAGGAGCTCATCTATTGGCAACTGCTGGCTTTGTTCTCTCCCTTTTTC 128

QY      21 LeuCySGlnAspGlnuTyrmecGlnuSerProGlnThrglyGlyLeuProProAspCysSer 40
Db      129 CTGTGTCAAGATGATGATGAGTCTCCACAAACCGAGAGACTRACCCCGAGACTGCAGT 188

QY      41 LysCySGHISgIyAspTySerPheArGlyTyrgInglyProProGlyProProGly 60
Db      189 AAGTGTTCATGAGAGACTACAGCTTTCGAGGCTACCAAGGCCCTCGGGCCACCGGGC 248

QY      61 ProProGlyIleProGlyAsnHISgIyAsnHISgIyAsnHISgIyAlaThrglyYHISgIu 80
Db      249 CTTCTCGGATTCACGAGAAACCATGAGAAACATGAGCAATGAGCCACTGTGTCATGAA 308

QY      81 GYAAlaYsgIyGluYsgIyAspIySgIyAspLeuGlyProArGlyGlyuArGlyGln 100

```



Db 309 GAGGCCAAAGGTGAGAGGGCCAGCAAGGTGACCTTGAGGGGAGCGGGGAG 368  
Qy 101 HlsglyProlysglyGlyulysglyTyrProglyIleProglyIleuGlnIlealphe 120  
Db 369 CATGGCCCCAAGAGAGAGAGGGCTACCGGGGATTCACCAAGACTTCAGATTGATTC 428  
Qy 121 MetAlaSerLeuAlaThrHisPheSerArgGlnAsnSerGlyIleIlePheSerSerVal 140  
Db 429 ATGGCTCTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTTCTTCAGCACTGTT 488  
Qy 141 GIuThrAsnIleGlyAsnPhPheAspValMetThrGlyArgPhGlyIleAlaProValSer 160  
Db 489 GAGACCAACATTGGAAACTCTTTGATGTCATGACTGTTGAGGCCCCAGTATTA 548  
Qy 161 GlyValTyrPhePheThrPheSerMetMetLysIleAspValGluGluValTyrVal 180  
Db 549 GGTGTGTATTTCTTCACCTTCAGCATGATGAGCATGAGAGATGTTGAGAGTATGTC 608  
Qy 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGluMetLysGlyLys 200  
Db 609 TACCTTATGCAACATGGCAACACAGCTTCAGCATGTACAGCTATGAAATGAAGGGCAAA 668  
Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaGlyAspGluValTTrpLeu 220  
Db 669 TAGATACATCCAGCAATCATGCTGTGCTGAGAGCTAGCCAAAGGGGATGAGGTTGGCTG 728  
Qy 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240  
Db 729 CGAATGGGCAATGGCGCTCTCCATGGGAGCAACCAAGCTTCCTCCACCTTTGAGGATTC 788  
Qy 241 LeuLeuPheGluThrLys 246  
Db 789 CTGCTCTTTGAACCTAAG 806

RESULT 6  
US-09-931-836-1  
Sequence 1, Application US/09931836  
General Information:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Auecin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3030R1C1  
CURRENT APPLICATION NUMBER: US/09/931, 836  
CURRENT FILING DATE: 2001-08-16  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22

PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908, 827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328



```

PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 1
LENGTH: 1712
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-342-1
Alignment Scores: 3,64e-148 Length: 1712
Pred. No.:

```

```

Score: 1367.00 Matches: 246
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 13 Gaps: 0
US-10-036-041-2 (1-246) x US-10-036-342-1 (1-1712)
QY 1 MetLeuTPRAyGhLeu1LeTyTrpGlnLeu1aLeuPhePheLeuProPheCyS 20
Db 77 ATGCTTTGGAGGACCTCATCTATTGGCAACGCTGGCTTTGTTTCTCCCTTTTTC 136
QY 21 LeuCySglnAspGluTyMetGluSerProGlnThrglyGlyLeuProProAspCySer 40
Db 137 CTGTGCAAGATGAATACATGAGAGTCTCCAAACCGAGAGACTACCCCAAGCTGCAT 196
QY 41 LysCySglnAspGlyAspTySerPheAspGlyTyGlnGlyProProGlyProProGly 60
Db 197 AAGTGTTCATGAGAGACTACAGCTTTGAGGCTACCAAGGCCCTGGCCACCGGC 256
QY 61 ProProGlyTLeProGlyAsnHsGlyAsnAsnGlyAsnAsnGlyAlaThrglyHsGlu 80
Db 257 CCTCTGGCATTCAGAAACCATGGAACAATGGCAAAATGGAGCCACTGTGATGAA 316
QY 81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLysGlyProArgGlyGluArgGlyGln 100
Db 317 GGAGCCAAAGGTGAAGAGGCGCAAAAGGTGCTGGGGCTTCGAGGGGAGCGGGCG 376
QY 101 HisGlyProLysGlyGluLysGlyTyTrpProGlyLeProProGlyLeuGlnLea1aPhe 120
Db 377 CATGCCCAAGAGAGAGAGAGGCTACCGGGGATTCACCAAGACTTCAGATTGATTC 436
QY 121 MetAlaSerLeuAlaThrhAspSerAsnGlnAsnSerGlyTLePheSerSerVal 140
Db 437 ATGGCTTCTCTGGCAACCATTCAGCAATCAGAACAGTGGGATTAATCTTCAGAGTGT 496
QY 141 GluThrrAsnLLeGlyAsnPheAspValMetThrglyArgPheGlyAlaProValSer 160
Db 497 GAGACCAACATTGGAACCTCTTATATGATCATAGCTGAGATTGGGGGCCCAAGATCA 556
QY 161 GlyValTyTrpPheThrhPheSerMetCysHisGlyAspValGluLysValTyVal 180
Db 557 GGTGTGTAATTTCTTACCTTCAGCATGATGAGCATGAGAGTGTGAGGAAGTATGCG 616
QY 181 TyTrpMetHisAsnGlyAsnThryValPheSerMetTySerTyGlyLysGlyGly 200
Db 617 TACCTTAAGCAAAATGGCAACACAGTCTTCAGCATGTACAGCTTATGAATGAAGGCCAA 676
QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyPhe 220
Db 677 TCAGATACATCCAGAAATCATGCTGTGCTGAAGCTTACCAAGGGGAGTGGCTG 736
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnAspPheSerThrhPheAlaGlyPhe 240
Db 737 CGAATGGCAATGGGGCTCTCCATGGGAGCCACCAACGTTCTCCACCTTTGAGGATTC 796
QY 241 LeuLeuPheGluThrLys 246
Db 797 CTGCTCTTTGAAACTAAG 814
RESULT 8
US-10-036-041-1
; Sequence 1, Application US/10036041
; Publication No. US20020192751A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Matanabe, Colin K.

```

APPLICANT: Wood,William I.  
APPLICANT: Zhang,Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3030R1C8  
CURRENT APPLICATION NUMBER: US/10/036,041  
PRIOR FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135150  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10

PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-036-041-1  
Alignment Scores:  
Pred. No.: 3,64e-148 Length: 1712  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
Gaps: 0  
DB: 13  
US-10-036-041-2 (1-246) x US-10-036-041-1 (1-1712)  
QY 1 MetLeuTPaTgGlnLeuIleTyTtPglLeuLeuAlaLeuPheLeuProPheCys 20  
DB 77 ATGCTTGGAGGAGGAGCTCATCTATGGCAACTGCTGCTTTGTTTCTCCCTTTTGGC 136  
QY 21 LeuCySGlnAaPgiuTyTMeTgluSerProGlnthrglygylLeuProProAaPcySer 40  
DB 137 CTGTGTCAAGATGAATATGAGGTCTCCAAACCGAGGACTACCCCGAGCTGCAGT 196  
QY 41 LysCySGlnAaPgiuTyTMeTgluSerPheAaPgiuTyTglnGlyProProGlyProProGly 60  
DB 197 AAGTGTCTCATGAGACTAAGCTTTGAGGCTTACCAAGCCCCCTGGGCGCACCGGCG 256  
QY 61 ProProGlyIleProGlyAaAaAaAaAaAaAaAaAaAaAaAaAaAaAaAaAaAaAa 80  
DB 257 CCTCGGCAATTCAGAGAAACCATGAGAAACAAATGAGCAACATGAGCACTGTCATGAA 316

PRIOR FILING DATE:	1999-01-22
PRIOR APPLICATION NUMBER:	60/125774
PRIOR FILING DATE:	1999-03-23
PRIOR APPLICATION NUMBER:	60/125778
PRIOR FILING DATE:	1999-03-23
PRIOR APPLICATION NUMBER:	60/125826
PRIOR FILING DATE:	1999-03-24
PRIOR APPLICATION NUMBER:	60/127035
PRIOR FILING DATE:	1999-03-31
PRIOR APPLICATION NUMBER:	60/127706
PRIOR FILING DATE:	1999-04-05
PRIOR APPLICATION NUMBER:	60/129122
PRIOR FILING DATE:	1999-04-13
PRIOR APPLICATION NUMBER:	60/130359
PRIOR FILING DATE:	1999-04-21
PRIOR APPLICATION NUMBER:	60/131270
PRIOR FILING DATE:	1999-04-27
PRIOR APPLICATION NUMBER:	60/131272
PRIOR FILING DATE:	1999-04-27
PRIOR APPLICATION NUMBER:	60/131291
PRIOR FILING DATE:	1999-04-27
PRIOR APPLICATION NUMBER:	60/132371
PRIOR FILING DATE:	1999-05-04
PRIOR APPLICATION NUMBER:	60/132379
PRIOR FILING DATE:	1999-05-04
PRIOR APPLICATION NUMBER:	60/132383
PRIOR FILING DATE:	1999-05-04
PRIOR APPLICATION NUMBER:	60/135750
PRIOR FILING DATE:	1999-05-25
PRIOR APPLICATION NUMBER:	60/138166
PRIOR FILING DATE:	1999-06-08
PRIOR APPLICATION NUMBER:	60/144791
PRIOR FILING DATE:	1999-07-20
PRIOR APPLICATION NUMBER:	60/146970
PRIOR FILING DATE:	1999-08-03
PRIOR APPLICATION NUMBER:	60/162506
PRIOR FILING DATE:	1999-10-29
PRIOR APPLICATION NUMBER:	09/311832
PRIOR FILING DATE:	1999-05-14
PRIOR APPLICATION NUMBER:	09/380142
PRIOR FILING DATE:	1999-08-25
PRIOR APPLICATION NUMBER:	09/644848
PRIOR FILING DATE:	2000-08-22
PRIOR APPLICATION NUMBER:	09/747259
PRIOR FILING DATE:	2000-12-20
PRIOR APPLICATION NUMBER:	09/816744
PRIOR FILING DATE:	2001-03-22
PRIOR APPLICATION NUMBER:	09/854208
PRIOR FILING DATE:	2001-05-10
PRIOR APPLICATION NUMBER:	09/854280
PRIOR FILING DATE:	2001-05-10
PRIOR APPLICATION NUMBER:	09/874503
PRIOR FILING DATE:	2001-06-05
PRIOR APPLICATION NUMBER:	09/869599
PRIOR FILING DATE:	2001-06-29
PRIOR APPLICATION NUMBER:	09/908, 827
PRIOR FILING DATE:	2001-07-18
PRIOR APPLICATION NUMBER:	PCT/US99/107333
PRIOR FILING DATE:	1999-05-14
PRIOR APPLICATION NUMBER:	PCT/US99/285511
PRIOR FILING DATE:	1999-12-02
PRIOR APPLICATION NUMBER:	PCT/US99/307200
PRIOR FILING DATE:	1999-12-22
PRIOR APPLICATION NUMBER:	PCT/US00/056011
PRIOR FILING DATE:	2000-03-01
PRIOR APPLICATION NUMBER:	PCT/US00/058441
PRIOR FILING DATE:	2000-03-02
PRIOR APPLICATION NUMBER:	PCT/US00/140422
PRIOR FILING DATE:	2000-05-22
PRIOR APPLICATION NUMBER:	PCT/US00/152662
PRIOR FILING DATE:	2000-06-02
PRIOR APPLICATION NUMBER:	PCT/US00/235222
PRIOR FILING DATE:	2000-08-23

PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-035-855-1

Alignment Scores:  
Pred. No.: 3,64e-148 Length: 1712  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
Gaps: 0

US-10-036-041-2 (1-246) x US-10-035-855-1 (1-1712)

Qy 1 MetLeuThrPheArgGlnLeuAlaIleTyrTrpGlnLeuLeuAlaValPhePheLeuProPheCys 20  
Db 77 ATGCTTTGAGGCGAGCTCATCTATTGGCAACTGCTGCTTTGTTTCTCCCTTTTGC 136  
Qy 21 LeuCyseGlnAspGluTyrMetGluSerProGlnThrGlyLeuProAspCysSer 40  
Db 137 CTGTGTCAGATGAAATGATGAGTCTCCCAACCGGAGGACTACCCCGAGTGTGACT 196  
Qy 41 LysCyseGlyHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60  
Db 197 AAGGTGTGTCATGAGGCTACAGCTTTCGAGGCTACCAAGGCCCTCGGGCCACCGGGC 256  
Qy 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlu 80  
Db 257 CCTCTGGCATTCAGAAACCATGAAACATGAGCAACATGAGGCACTGTCATGAA 316  
Qy 81 GlyAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGlyLysGlyGln 100  
Db 317 GGAACCAAGGTGAGGAGGCGGAGCAAAAGTGACCTGGGGCTCGAGGGGAGCGGGGCGAG 376  
Qy 101 HisGlyProLysGlyGlyLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120  
Db 377 CATGGCCCAAGGAGGAGGAGGCGCTACCGGGGATTCACACGAACTTCAGATTGCATTC 436  
Qy 121 MetLaseSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140  
Db 437 ATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAAAGTGAGATTACTTCAGAGAGTT 496  
Qy 141 GlnThrAsnIleGlyAsnPhePheAspValMetThrGlyTyrPheGlyAlaProValSer 160  
Db 497 GAGGCCAACAATGGAACCTTCTTGATGATCTAGTCTGTGATGATTGGGGCCCAAGTATCA 556  
Qy 161 GlyValTyrPhePheThrPheSerMetMetLysHisGlnAspValGlnGlnValTyrVal 180  
Db 557 GGTTGATTTCTTCACCTTCAGCATGATGAGCATGAGATGTTGAGGAAGTATGCTG 616  
Qy 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGlnMetLysGlyLys 200  
Db 617 TACCTTATGCAACATGGCAACACAGCTTCAGCATGTACAGCTATGAAATGAAGGGCAAA 676

Qy 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTrpLeu 220  
Db 677 TCAGATACATCCAGCATATGCTGTGCTGAAGCTTAGCCAAAGGAGTGAAGTTGGCTG 736  
Qy 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnAspPheSerThrPheAlaGlyPhe 240  
Db 737 CGAATGGGCAATGGGGCTCTCCATGGGGGACCAACAGCTTCTCCACCTTGGCAGATTC 796  
Qy 241 LeuLeuPheGluThrLys 246  
Db 797 CTGCTTTGAAACTAG 814  
RESULT 10  
US-10-036-214-1  
Sequence 1, Application US/10036214  
Publication No. US20030032061A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3030R1C11  
CURRENT APPLICATION NUMBER: US/10/036,214  
PRIOR FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379

;; PRIOR FILING DATE: 1999-05-04  
;; PRIOR APPLICATION NUMBER: 60/132383  
;; PRIOR FILING DATE: 1999-05-04  
;; PRIOR APPLICATION NUMBER: 60/135750  
;; PRIOR FILING DATE: 1999-05-25  
;; PRIOR APPLICATION NUMBER: 60/138166  
;; PRIOR FILING DATE: 1999-06-08  
;; PRIOR APPLICATION NUMBER: 60/144791  
;; PRIOR FILING DATE: 1999-07-20  
;; PRIOR APPLICATION NUMBER: 60/146970  
;; PRIOR FILING DATE: 1999-08-03  
;; PRIOR APPLICATION NUMBER: 60/162506  
;; PRIOR FILING DATE: 1999-10-29  
;; PRIOR APPLICATION NUMBER: 09/311832  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: 09/380142  
;; PRIOR FILING DATE: 1999-08-25  
;; PRIOR APPLICATION NUMBER: 09/644848  
;; PRIOR FILING DATE: 2000-08-22  
;; PRIOR APPLICATION NUMBER: 09/747259  
;; PRIOR FILING DATE: 2000-12-20  
;; PRIOR APPLICATION NUMBER: 09/816744  
;; PRIOR FILING DATE: 2001-03-22  
;; PRIOR APPLICATION NUMBER: 09/854208  
;; PRIOR FILING DATE: 2001-05-10  
;; PRIOR APPLICATION NUMBER: 09/854280  
;; PRIOR FILING DATE: 2001-05-10  
;; PRIOR APPLICATION NUMBER: 09/874503  
;; PRIOR FILING DATE: 2001-06-05  
;; PRIOR APPLICATION NUMBER: 09/869599  
;; PRIOR FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: 09/908,827  
;; PRIOR FILING DATE: 2001-07-18  
;; PRIOR APPLICATION NUMBER: PCT/US99/10733  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: PCT/US99/28551  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30720  
;; PRIOR FILING DATE: 1999-12-22  
;; PRIOR APPLICATION NUMBER: PCT/US00/05601  
;; PRIOR FILING DATE: 2000-03-01  
;; PRIOR APPLICATION NUMBER: PCT/US00/05841  
;; PRIOR FILING DATE: 2000-03-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/14042  
;; PRIOR FILING DATE: 2000-05-22  
;; PRIOR APPLICATION NUMBER: PCT/US00/15264  
;; PRIOR FILING DATE: 2000-06-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/23522  
;; PRIOR FILING DATE: 2000-08-23  
;; PRIOR APPLICATION NUMBER: PCT/US00/23328  
;; PRIOR FILING DATE: 2000-08-24  
;; PRIOR APPLICATION NUMBER: PCT/US00/32678  
;; PRIOR FILING DATE: 2000-12-01  
;; PRIOR APPLICATION NUMBER: PCT/US00/34956  
;; PRIOR FILING DATE: 2000-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US01/06520  
;; PRIOR FILING DATE: 2001-02-28  
;; PRIOR APPLICATION NUMBER: PCT/US01/17800  
;; PRIOR FILING DATE: 2001-06-01  
;; PRIOR APPLICATION NUMBER: PCT/US01/19692  
;; PRIOR FILING DATE: 2001-06-20  
;; PRIOR APPLICATION NUMBER: PCT/US01/21066  
;; PRIOR FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: PCT/US01/21735  
;; PRIOR FILING DATE: 2001-07-09  
;; NUMBER OF SEQ ID NOS: 80  
;; SEQ ID NO 1  
;; LENGTH: 1712  
;; TYPE: DNA  
;; ORGANISM: Homo Sapien  
US-10-036-214-1

Alignment Scores:

Pred. No.: 3,64e-148 Length: 1712  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 14 Gaps: 0  
US-10-036-041-2 (1-246) x US-10-036-214-1 (1-1712)  
QY 1 MetLeuTPaRGlnLeuIleTyRfPglInLeuAlaLeuPheLeuPheCys 20  
Db 77 ATGCTTGAGGACACTATCTATTGGCAACTGCTGGCTTTTCTTCTCCCTTTTTC 136  
QY 21 LeuCyGlnaSPgluTyRmeGluSerProGlnThrGlyLeuProProaSPCySer 40  
Db 137 CTGTGTCAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 196  
QY 41 LysCySbSHaSGlYASPTySerPheARgGlyTYRgInGlyProProGlyProProGly 60  
Db 197 AAGTGTTCATGAGACTACAGCTTTCAGAGCTTCCAGAGCCCTTGGGCTACCGGC 256  
QY 61 ProProGlyIleProGlyASnHISglYASnHISglYASnHISglYASnHISglY 80  
Db 257 CCTCTGGGATTCAGGAACCATGGAACATGGAACATGGAACATGGAACATGGAAC 316  
QY 81 GlyAlaIySGlyGluIySGlyASpIySGlyASpIySGlyProaRgIyGluARgIyGln 100  
Db 317 GGAGCCAAAGGTGAGAGAGGCGCAAGGTGACCTGGGGCCCTCGAGGGAGCGGGGCG 376  
QY 101 HISglYProIySGlyGluIySGlyTYRProGlyIleProProGluInIleApe 120  
Db 377 CATGGCCCCAAGAGAGAGAGGCTAACCGGGGATTCACAGAACTTCAGATGCAATTC 436  
QY 121 MetAlaSerLeuAlaThRHisPheSerASnHISglYIleIlePheSerSerVal 140  
Db 437 AAGGCTTCTCTGGCAACCATCTTCAGCAATGGAACATGGAACATGGAACATGGAAC 496  
QY 141 GluThRAsnIleGlyASnHISpHeaSPyAlaMetThRgIyASpHISglYAlaProValSer 160  
Db 497 GAGACCAACATGGAACCTCTTTCATGATGATGATGATGATGATGATGATGATGATG 556  
QY 161 GlyValTYRPhPheThRPhSerMetClySHISglYASpValISglYValTYRVal 180  
Db 557 GGTGTGATTTTTCACCTTCAGATGATGATGATGATGATGATGATGATGATGATG 616  
QY 181 TyrLeuMetHISASnHISglYASnThValIPheSerMetTYRSerTYRGlMetIySGlyYS 200  
Db 617 TACCTTAGCAACAATGGCAACACAGCTTCACAGTACAGTACAGTACAGTACAGTACAG 676  
QY 201 SerASPThRSerSerASnHISAlaValLeuIySLeuAlaIySGlyASpGluValITrPLeu 220  
Db 677 TCAGATACATCCAGAACATCATCTGTGTGAGCTTCCAAAGGGGAGTACAGTTTGGCTG 736  
QY 221 ArgMetGlyASnGlyAlaLeuHISglYASpHISglYASpHISglYASpHISglYASp 240  
Db 737 CGAATGGCAATGGGCTCTCCATGAGGACCAACAGCTTCCAGCTTTCAGAGATTC 796  
QY 241 LeuLeuPheGluThRlys 246  
Db 797 CTGCTCTTTGAACCTAG 814  
RESULT 11  
US-10-035-719-1  
; Sequence 1, Application US/10035719  
; Publication No. US20030036114A1  
; GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Stewart, Timothy A.

APPLICANT: Matnabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zhenlin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C2  
CURRENT APPLICATION NUMBER: US/10/035, 719  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/115774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208

DB	Seq ID	Seq ID NOS	Length	Score	Percent Similarity	Best Local Similarity	Query Match
	PRIOR FILING DATE: 2001-05-10						
	PRIOR APPLICATION NUMBER: 09/854280						
	PRIOR FILING DATE: 2001-05-10						
	PRIOR APPLICATION NUMBER: 09/874503						
	PRIOR FILING DATE: 2001-06-05						
	PRIOR APPLICATION NUMBER: 09/669599						
	PRIOR FILING DATE: 2001-06-29						
	PRIOR APPLICATION NUMBER: 09/908,827						
	PRIOR FILING DATE: 2001-07-18						
	PRIOR APPLICATION NUMBER: PCT/US99/10733						
	PRIOR FILING DATE: 1999-05-14						
	PRIOR APPLICATION NUMBER: PCT/US99/28551						
	PRIOR FILING DATE: 1999-12-02						
	PRIOR APPLICATION NUMBER: PCT/US99/30720						
	PRIOR FILING DATE: 1999-12-22						
	PRIOR APPLICATION NUMBER: PCT/US00/05601						
	PRIOR FILING DATE: 2000-03-01						
	PRIOR APPLICATION NUMBER: PCT/US00/05841						
	PRIOR FILING DATE: 2000-03-02						
	PRIOR APPLICATION NUMBER: PCT/US00/14042						
	PRIOR FILING DATE: 2000-05-22						
	PRIOR APPLICATION NUMBER: PCT/US00/15264						
	PRIOR FILING DATE: 2000-06-02						
	PRIOR APPLICATION NUMBER: PCT/US00/23522						
	PRIOR FILING DATE: 2000-08-23						
	PRIOR APPLICATION NUMBER: PCT/US00/23328						
	PRIOR FILING DATE: 2000-08-24						
	PRIOR APPLICATION NUMBER: PCT/US00/32678						
	PRIOR FILING DATE: 2000-12-01						
	PRIOR APPLICATION NUMBER: PCT/US00/34956						
	PRIOR FILING DATE: 2000-12-20						
	PRIOR APPLICATION NUMBER: PCT/US01/06520						
	PRIOR FILING DATE: 2001-02-28						
	PRIOR APPLICATION NUMBER: PCT/US01/17800						
	PRIOR FILING DATE: 2001-06-01						
	PRIOR APPLICATION NUMBER: PCT/US01/19692						
	PRIOR FILING DATE: 2001-06-20						
	PRIOR APPLICATION NUMBER: PCT/US01/21066						
	PRIOR FILING DATE: 2001-06-29						
	PRIOR APPLICATION NUMBER: PCT/US01/21735						
	PRIOR FILING DATE: 2001-07-09						
	NUMBER OF SEQ ID NOS: 80						
	SEQ ID NO 1						
	LENGTH: 1712						
	TYPE: DNA						
	ORGANISM: Homo Sapien						
	US-10-035-719-1						
	Alignment Scores:						
	Pred. No.:	3,64e-148	Length:	1712			
	Score:	1367.00	Matches:	246			
	Percent Similarity:	100.00%	Conservative:	0			
	Best Local Similarity:	100.00%	Mismatches:	0			
	Query Match:	100.00%	Indels:	0			
	DB:	14	Gaps:	0			
US-10-036-041-2 (1-246) x US-10-035-719-1 (1-1712)							
QY	1 MetcuetrpargslinleuilletyrtrpglnleuenaalaleuphelleupropheCys 20						
DB	77 ATGTTTGAAGAGAGCTCATCTATTGGCAACGCTGGCTTTGTTTCTCTCTTTTGC 136						
QY	21 LeucyeglinspqlutyrwtetgluserProginthrglyglyleuProProaspCyser 40						
DB	137 CTGTGTCAGATGAATAACATGAGAGTCTCCACAAACGGAGAGACTAACCCCGAGCTGCAGT 196						
QY	41 lyeCyCyshielgyspfrtzerheahrgglytyrgrnglyrProProgllyProProglly 60						
DB	197 AAGGTGTGTATGGAACATCAAGCTTTGAGGCTACCAAGGCCCCCTGGGCCACCGGCC 256						



QY 81 GYALALVSGLYGLULYSGLYASPLYSGLYASPLEUGLYPROARGLYGLUARGLYGLN 100  
| | | | |  
DB 317 GAGAGCCAAAGGTGAGAGGGCCGACAAAGGTGACCTGGGGCTTCGAGGGAGCGGGCGG 376  
| | | | |  
QY 101 HISGLYPROLYSGLYGLULYSGLYTYRPROGLYILEPROGLYUENGLILEALPHE 120  
| | | | |  
DB 377 CATGGCCCCAAAGAGAGAGAGGGCTCCCGGGGATTCACAGAACTTCAGATTGCATTC 436  
| | | | |  
QY 121 METALASERLEUALATHRHISPHESERANGIASNSESGLYILELLEPHESERVAL 140  
| | | | |  
DB 437 ATGGCTCTCTCGCAACCCACTTCAGCAATCAGAAACAGTGGGATTATCTTCAGCAATGTT 496  
| | | | |  
QY 141 GLUTTHASNIIEGLYASNHPHEAPVALMETTHGLYARPHGLYALAPROVALSER 160  
| | | | |  
DB 497 GAGACCAACATTGGAAACTCTTGTGATGCATGACGTAGATTGGGGCCCAAGTATCA 556  
| | | | |  
QY 161 GLYVALTYRPHPHETHRPHESERMETLYSHIGLYASPYALGIUGIUVALTYYVAL 180  
| | | | |  
DB 557 GGTGTGTAATTTCTTCACCTTCAGCATGATGAGACATGAGATGTTGAGAAAGTATGTG 616  
| | | | |  
QY 181 TYRLEMEUHIASNGLYASNTHYVALPHESERMETTYRSEITYGLMETLYSGLYYS 200  
| | | | |  
DB 617 TACCTTATGCACATGCAACACAGCTTCAGCATGTACAGTATGAATGAAGGCANA 676  
| | | | |  
QY 201 SERAPRTHSERSEASHNISALVALLEULYSLVALALYGLYASPGIUVALTTPLEU 220  
| | | | |  
DB 677 TCAGATACATCCAGCAATCATGTGTGCTGAGACTGCAAGGGGATAGGTTGTGGCTG 736  
| | | | |  
QY 221 ARGMETGLYASNGLYALALEUHIISGLYASPHISGLIARXPHESERTHRPHEALAGLYPE 240  
| | | | |  
DB 737 CCAATGGGCAATGGCGCTTCATGGGAGACCAACGCTTCTCCACTTTGCAGGATTC 796  
| | | | |  
QY 241 LEULEUPHEGLUTHLYS 246  
| | | | |  
DB 797 CTGCTCTTGAACCTAAG 814  
| | | | |  
RESULT 12  
US-10-036-160-1  
; Sequence 1, Application US/10036160  
; Publication No. US20030044842A1  
; GENERAL INFORMATION:  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3030R1C3  
; CURRENT APPLICATION NUMBER: US/10/036,160  
; CURRENT FILING DATE: 2001-12-26  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/112514  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113300  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113430  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/114140  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115552  
; PRIOR FILING DATE: 1999-01-12

; PRIOR APPLICATION NUMBER: 60/116843  
; PRIOR FILING DATE: 1999-01-22  
; PRIOR APPLICATION NUMBER: 60/125774  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/125778  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/125826  
; PRIOR FILING DATE: 1999-03-24  
; PRIOR APPLICATION NUMBER: 60/127035  
; PRIOR FILING DATE: 1999-03-31  
; PRIOR APPLICATION NUMBER: 60/127706  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/129122  
; PRIOR FILING DATE: 1999-04-13  
; PRIOR APPLICATION NUMBER: 60/130359  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131272  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/132371  
; PRIOR FILING DATE: 1999-05-04  
; PRIOR APPLICATION NUMBER: 60/132379  
; PRIOR FILING DATE: 1999-05-04  
; PRIOR APPLICATION NUMBER: 60/132383  
; PRIOR FILING DATE: 1999-05-04  
; PRIOR APPLICATION NUMBER: 60/135750  
; PRIOR FILING DATE: 1999-05-25  
; PRIOR APPLICATION NUMBER: 60/138166  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/144791  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/146970  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/162506  
; PRIOR FILING DATE: 1999-10-29  
; PRIOR APPLICATION NUMBER: 09/311832  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 09/380142  
; PRIOR FILING DATE: 1999-08-25  
; PRIOR APPLICATION NUMBER: 09/644848  
; PRIOR FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 09/747259  
; PRIOR FILING DATE: 2000-12-20  
; PRIOR APPLICATION NUMBER: 09/816744  
; PRIOR FILING DATE: 2001-03-22  
; PRIOR APPLICATION NUMBER: 09/854208  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: 09/854280  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: 09/874503  
; PRIOR FILING DATE: 2001-06-05  
; PRIOR APPLICATION NUMBER: 09/869599  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: 09/908,827  
; PRIOR FILING DATE: 2001-07-18  
; PRIOR APPLICATION NUMBER: PCT/US99/10733  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: PCT/US99/28551  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30720  
; PRIOR FILING DATE: 1999-12-22  
; PRIOR APPLICATION NUMBER: PCT/US00/05601  
; PRIOR FILING DATE: 2000-03-01  
; PRIOR APPLICATION NUMBER: PCT/US00/05841  
; PRIOR FILING DATE: 2000-03-02  
; PRIOR APPLICATION NUMBER: PCT/US00/14042  
; PRIOR FILING DATE: 2000-05-22  
; PRIOR APPLICATION NUMBER: PCT/US00/15264  
; PRIOR FILING DATE: 2000-06-02  
; PRIOR APPLICATION NUMBER: PCT/US00/23522

/ PRIOR FILING DATE: 2000-08-23  
/ PRIOR APPLICATION NUMBER: PCT/US00/23328  
/ PRIOR FILING DATE: 2000-08-24  
/ PRIOR APPLICATION NUMBER: PCT/US00/32678  
/ PRIOR FILING DATE: 2000-12-01  
/ PRIOR APPLICATION NUMBER: PCT/US00/34956  
/ PRIOR FILING DATE: 2000-12-20  
/ PRIOR APPLICATION NUMBER: PCT/US01/06520  
/ PRIOR FILING DATE: 2001-02-28  
/ PRIOR APPLICATION NUMBER: PCT/US01/17800  
/ PRIOR FILING DATE: 2001-06-01  
/ PRIOR APPLICATION NUMBER: PCT/US01/19692  
/ PRIOR FILING DATE: 2001-06-20  
/ PRIOR APPLICATION NUMBER: PCT/US01/21066  
/ PRIOR FILING DATE: 2001-06-29  
/ PRIOR APPLICATION NUMBER: PCT/US01/21735  
/ NUMBER OF SEQ ID NOS: 80  
/ SEQ ID NO 1  
/ LENGTH: 1712  
/ TYPE: DNA  
/ ORGANISM: Homo Sapien  
US-10-036-160-1

Alignment Scores:  
Pred. No.: 3,64e-148 Length: 1712  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 14 Gaps: 0  
US-10-036-041-2 (1-246) x US-10-036-160-1 (1-1712)

QY 1 MetLeuTPAArgGlnLeuIleTyrrTrrGlnLeuAlaLeuPheLeuProPheCys 20  
DB 77 AGCTTTGAGGACCTCACTATATGGCAACTGCTGGCTTTGTTTCTCTCTTTTTC 136  
QY 21 LeuCYsGlnAspGluTyrMetGlnSerProGlnThrGlyGlyLeuProAspCys 40  
DB 137 CTGTGTCAAGATGATATCATGAGTCTCCACCAACCGAGACTACCCCGATGCA 196  
QY 41 LysCYsCYsHISglYAspTyrSerPheArgGlyTyrGlnGlyProProGly 60  
DB 197 AAGTGTTCATGAGACTACAGCTTTCAGGCTACCAAGCGCCCGGCGCACCGGC 256  
QY 61 ProProGlyIleProGlyAsnHISglYAsnIleAsnGlyValaThrGlyHISgl 80  
DB 257 CCTCTGCGCATTCAGAAACCATGAAACAATGGCAACATGGCACTGTCATGAA 316  
QY 81 GlYAlaLysGlyGlyLysGlyAspLysGlyAspLeuGlyProArgGlyGluArgGlyGln 100  
DB 317 GGAGCCAAAGGTGAGAAAGGGCGCAAAAGTGAACCTGGGGCTTCAGGGGAGCGGGGCGAG 376  
QY 101 HISglYProLysglYulYsgLYTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120  
DB 377 CATGGCCCCCAAGAGAGAGAGGGGTACCCGGGATTCACACCAAACTTCAGATTGCATTC 436  
QY 121 MetAlaSerLeuAlaThrHISpHeSerHISglYAsnIleAsnGlyIleIlePheSerSerVal 140  
DB 437 AAGGCTTCTCTGCGCAACCATCTTCAGCATGAAACAGTGGATTTATCTTCAGCAGTGT 496  
QY 141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyValaProValSer 160  
DB 497 GAGACCAACATTGAAACTTCTTTATGTGATGACTGGAGATTTGGGGCCCGCGATAC 556  
QY 161 GlYAlaTyrPhePheThrPheSerMetCysHISglYAsnValGluGluValaTyrVal 180  
DB 557 GGTGTGTATTTCTTCACCTTCAGCATGATGAAGCATGAGATGTTGAGAAAGTGTATGT 616  
QY 181 TyrLeuMetHISAsnGlyAsnThrValPheSerMetTyrSerTyrGlnMetLysGlyLys 200  
DB 617 TACCTTATGCAACATGGCAACAGTCTTCAGCATGTACAGTATGAATGAAGGGCGCAA 676

QY 201 SerAspThrSerSerAsnHISAlaValLeuYsLeuAlaLysGlyAspGluValTrrPhe 220  
DB 677 TCAGATACATCCAGCAATATATCTGTGTAAGCTAGCCAAAGGGGATGAGGTTTGGCTG 736  
QY 221 ArgMetGlyAsnGlyValaLeuHISglYAspHISglYAsnArgPheSerThrPheAlaGlyPhe 240  
DB 737 CGAATGGCAATGGGCGCTCTCCATGCGGACCAACCGCTTCTTCACCTTTCAGAGATTC 796  
QY 241 LeuLeuPheGluThrLys 246  
DB 797 CTGCTTTTGAACCTAAG 814

RESULT 13  
US-10-035-958-1  
/ Sequence 1, Application US/10035958  
/ Publication No. US20030049733A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Desnoyers, Luc  
/ APPLICANT: Eaton, Dan L.  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Godowski, Paul J.  
/ APPLICANT: Gurney, Aubertin L.  
/ APPLICANT: Pan, James  
/ APPLICANT: Stewart, Timothy A.  
/ APPLICANT: Watanabe, Colin K.  
/ APPLICANT: Wood, William I.  
/ APPLICANT: Zhang, Zemin  
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
/ FILE REFERENCE: P3030R1C7  
/ CURRENT APPLICATION NUMBER: US/10/035,958  
/ PRIOR FILING DATE: 2001-12-26  
/ PRIOR APPLICATION NUMBER: 60/085579  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/112514  
/ PRIOR FILING DATE: 1998-12-15  
/ PRIOR APPLICATION NUMBER: 60/113300  
/ PRIOR FILING DATE: 1998-12-22  
/ PRIOR APPLICATION NUMBER: 60/113430  
/ PRIOR FILING DATE: 1998-12-23  
/ PRIOR APPLICATION NUMBER: 60/113605  
/ PRIOR FILING DATE: 1998-12-23  
/ PRIOR APPLICATION NUMBER: 60/113621  
/ PRIOR FILING DATE: 1998-12-23  
/ PRIOR APPLICATION NUMBER: 60/114140  
/ PRIOR FILING DATE: 1998-12-23  
/ PRIOR APPLICATION NUMBER: 60/115552  
/ PRIOR FILING DATE: 1999-01-12  
/ PRIOR APPLICATION NUMBER: 60/116843  
/ PRIOR FILING DATE: 1999-01-22  
/ PRIOR APPLICATION NUMBER: 60/125774  
/ PRIOR FILING DATE: 1999-03-23  
/ PRIOR APPLICATION NUMBER: 60/125778  
/ PRIOR FILING DATE: 1999-03-23  
/ PRIOR APPLICATION NUMBER: 60/125826  
/ PRIOR FILING DATE: 1999-03-24  
/ PRIOR APPLICATION NUMBER: 60/127035  
/ PRIOR FILING DATE: 1999-03-31  
/ PRIOR APPLICATION NUMBER: 60/127706  
/ PRIOR FILING DATE: 1999-04-05  
/ PRIOR APPLICATION NUMBER: 60/129122  
/ PRIOR FILING DATE: 1999-04-13  
/ PRIOR APPLICATION NUMBER: 60/130359  
/ PRIOR FILING DATE: 1999-04-21  
/ PRIOR APPLICATION NUMBER: 60/131270  
/ PRIOR FILING DATE: 1999-04-27  
/ PRIOR APPLICATION NUMBER: 60/131272  
/ PRIOR FILING DATE: 1999-04-27  
/ PRIOR APPLICATION NUMBER: 60/131291  
/ PRIOR FILING DATE: 1999-04-27  
/ PRIOR APPLICATION NUMBER: 60/132371  
/ PRIOR FILING DATE: 1999-05-04

PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22  
PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-035-958-1

Alignment Scores:  
Pred. No.: 3,64e-148 Length: 1712  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 14 Gaps: 0  
US-10-036-041-2 (1-246) x US-10-035-958-1 (1-1712)  
QY 1 MetLeuTPaRGInLeuIleTyTPrGInLeuLaIaLeuPheLeuProPheCys 20  
Db 77 ATGCTTGGAGGACCTCATCTATTGGCACTGGCTTTCTTTCTCCCTTTTGC 136  
QY 21 LeuCyGInaSPGluTyTMeGInuSerProGInThrgIyGluYLeuProProAspCys 40  
Db 137 CTGTGTCAAGATGATATCATGTAGAGTCTCCACAAACCGAGGACTACCCCAACTGACGT 196  
QY 41 LysCyCyShIeGlyAsPTySerPheAArgIyTyTngInYProProGlyProProGly 60  
Db 197 AAGTGTTCATGTAGACTACAGCTTTGAGGCTACCAAGGCCCTCGGCGCACCGGCG 256  
QY 61 ProProGlyIleProGlyAsnHisGlyAsnaAngIyAsnaAngIyAlaThrgIyHISGlu 80  
Db 257 CCTCTGGCATTCAGGAACCATGAAACAAATGGCAACATGGACCATGTCATGAA 316  
QY 81 GlYAlaLySGlyGluLySGlyAspLySGlyAspLeuGlyProArgGlyGluArgGlyGln 100  
Db 317 GGAGCCAAAGGTGAGAAAGGCGCAAAAGGTGACTGGGGCTCGAGGGGAGCGGGGCGAG 376  
QY 101 HISGlyProLySGlyGluLySGlyTyTProGlyIleProProGlyInLeuIaPhe 120  
Db 377 CATGGCCCCAAAGGAGAGAGAGGCTACCCGGGGAATTCCACCAAGACTTCAGATTGCATT 436  
QY 121 MetAlaSerLeuAlaThHisPheSerAngInaSenSerGlyIleIlePheSerSerVal 140  
Db 437 ATGGCTTCTCTGGCAACCATCTTCAGCAATCGAACAATGGGAATATCTTCAGCACTGT 496  
QY 141 GInThrAsnIleGlyAsnPhPheAspValMetThrgIyArGpHeGlyAlaProValSer 160  
Db 497 GAGACCAACATTGAAACTTTCTTGTATGATGATGATGATGATGATGATGATGATGAT 556  
QY 161 GlYAlaTyTPhPhePheThrPheSerMetMetLySHISGluAspValGluValTyTVal 180  
Db 557 GGTGTGTATTCTTCACTTCAGATGATGATGATGATGATGATGATGATGATGATGAT 616  
QY 181 TyLeuMetHisAsnGlyAsnThValPheSerMetTyTyrSerTyGluMetLySGlyLyS 200  
Db 617 TACCTTATGCAAAATGGCAACACAGCTTCACAGATGTACAGCTTATGAATGAAGGCANA 676  
QY 201 SerAspThrSerSerAsnHisAlaValLeuLySLeuAlaLySGlyAspGluValTrpLeu 220  
Db 677 TCAGATATCATTCAGCAATCATCTGTGTGGAAGTACCAAGGGAGATGAGGTTGGCTG 736  
QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240  
Db 737 CGAATGGCGAATGGGCTCTCCATGAGGAGCCCAACGCTTCTCCACCTTTGACAGATT 796  
QY 241 LeuLeuPheGluThrLyS 246  
Db 797 CTGCTCTTTGAAACTAAG 814  
RESULT 14  
US-10-036-150-1  
Sequence 1, Application US/10036150  
Publication No. US20030049734A1  
GENERAL INFORMATION:  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James

APPLICANT: Stewart, Timothy A.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3030R1C9  
CURRENT APPLICATION NUMBER: US/10/036,150  
CURRENT FILING DATE: 2001-12-26  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/112514  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113300  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113430  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/114140  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115552  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/116843  
PRIOR FILING DATE: 1999-01-22  
PRIOR APPLICATION NUMBER: 60/125774  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125778  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/125826  
PRIOR FILING DATE: 1999-03-24  
PRIOR APPLICATION NUMBER: 60/127035  
PRIOR FILING DATE: 1999-03-31  
PRIOR APPLICATION NUMBER: 60/127706  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/129122  
PRIOR FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/130359  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131272  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/132371  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132379  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/132383  
PRIOR FILING DATE: 1999-05-04  
PRIOR APPLICATION NUMBER: 60/135750  
PRIOR FILING DATE: 1999-05-25  
PRIOR APPLICATION NUMBER: 60/138166  
PRIOR FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 60/144791  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/146970  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/162506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 09/311832  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 09/380142  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/644848  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/747259  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: 09/816744  
PRIOR FILING DATE: 2001-03-22

PRIOR APPLICATION NUMBER: 09/854208  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/854280  
PRIOR FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: 09/874503  
PRIOR FILING DATE: 2001-06-05  
PRIOR APPLICATION NUMBER: 09/869599  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: 09/908,827  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: PCT/US99/10733  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30720  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: PCT/US00/05601  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/23522  
PRIOR FILING DATE: 2000-08-23  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: PCT/US00/34956  
PRIOR FILING DATE: 2000-12-20  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: PCT/US01/17800  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: PCT/US01/19692  
PRIOR FILING DATE: 2001-06-20  
PRIOR APPLICATION NUMBER: PCT/US01/21066  
PRIOR FILING DATE: 2001-06-29  
PRIOR APPLICATION NUMBER: PCT/US01/21735  
PRIOR FILING DATE: 2001-07-09  
NUMBER OF SEQ ID NOS: 80  
SEQ ID NO 1  
LENGTH: 1712  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-036-150-1  
Alignment Scores:  
Pred. No.: 3,646-148 Length: 1712  
Score: 1367.00 Matches: 246  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 100.00% Indels: 0  
DB: 14 Gaps: 0  
US-10-036-041-2 (1-246) x US-10-036-150-1 (1-1712)  
QY 1 MetLeuTTPaGhInleuIeTyTrpGInleuLauAlaLeuPheLeuProPheCys 20  
DB 77 ATGCTTTGGAGGCACTCATCTATTGGCAACGCTGGCTTTGTTTCTCTCTTTTGC 136  
QY 21 LeuCyGInaSPGLuTyMeGluSerProGInThrGlyGlyLeuProPheAspCysSer 40  
DB 137 CTGTTCAGATGAATPACATGGAGTCTCCAAACCGAGGACTACCCCGACACTGCAGT 196  
QY 41 LysCySvShIeGlyAspTySerPheArgGlyTyGInGlyProProGlyProProGly 60  
DB 197 AAGTGTTCATGAGACATCAGCTTTCGAGGCTACCAAGGCCCTCGGGGCACCGGAC 256  
QY 61 ProProGlyTLeProGlyAsnHisGlyAsnAngIyAsnAngIyAlaThrGlyHisGlu 80



; PRIOR APPLICATION NUMBER: PCT/US00/23522  
 ; PRIOR FILING DATE: 2000-08-23  
 ; PRIOR APPLICATION NUMBER: PCT/US00/23328  
 ; PRIOR FILING DATE: 2000-08-24  
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678  
 ; PRIOR FILING DATE: 2000-12-01  
 ; PRIOR APPLICATION NUMBER: PCT/US00/34956  
 ; PRIOR FILING DATE: 2000-12-20  
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520  
 ; PRIOR FILING DATE: 2001-02-28  
 ; PRIOR APPLICATION NUMBER: PCT/US01/17800  
 ; PRIOR FILING DATE: 2001-06-01  
 ; PRIOR APPLICATION NUMBER: PCT/US01/19692  
 ; PRIOR FILING DATE: 2001-06-20  
 ; PRIOR APPLICATION NUMBER: PCT/US01/21066  
 ; PRIOR FILING DATE: 2001-06-29  
 ; PRIOR APPLICATION NUMBER: PCT/US01/21735  
 ; PRIOR FILING DATE: 2001-07-09  
 ; NUMBER OF SEQ ID NOS: 80  
 ; SEQ ID NO 1  
 ; LENGTH: 1712  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 ; US-10-036-063-1

## Alignment Scores:

Pred. No.:	3,646-148	Length:	1712
Score:	1367.00	Matches:	246
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	14	Gaps:	0

US-10-036-041-2 (-246) x US-10-036-063-1 (1-1712)

QY 1 MetLeuTPARGInLeuIleTyrTrpGlnLeuLeuAlaLeuPheLeuProPheCys 20  
 DB 77 ATGCTTGAGAGCACTCATCATGCACTGCTGCTTTTCTTCTCCCTTTTGC 136  
 QY 21 LeuCySGInaSPGluTyrMetGluSerProGlnThrGlyLeuProProAspCysSer 40  
 DB 137 CTGTCAAGAGTAATACATGAGTCTCCACAAACGGAGGACTACCCCACTGCACT 196  
 QY 41 LysCysCySHisGlyAspTyrSerPheArgGlyTyrGlnGlyProProGlyProProGly 60  
 DB 197 AAGTTTGTCACTGAGACTTACAGCTTTCGAGGCTTACCAAGCCCCCTGGGCCACCGGGC 256  
 QY 61 ProProGlyIleProGlyAsnHisGlyAsnAsnGlyAsnAsnGlyAlaThrGlyHisGlu 80  
 DB 257 CCTCTGGCATTCAGAAACCATGAAACATGGCAACATGGACCACTGTCATGAA 316  
 QY 81 GlyAlaLysGlyGluLysGlyAspLysGlyAspLysGlyProArgGlyLysArgGlyGln 100  
 DB 317 GGAGCCAAGGGGAGAAAGGGGCAACAAAGTGACCTGGGGCTTCGAGGGGAGCGGGGAG 376  
 QY 101 HisGlyProLysGlyGluLysGlyTyrProGlyIleProProGlyLeuGlnIleAlaPhe 120  
 DB 377 CATGGCCCCAAGAGAGAAAGGGCTTACCCGGGATTCACCAAGACTTCAGATTGCATTTC 436  
 QY 121 MetAlaSerLeuAlaThrHisPheSerAsnGlnAsnSerGlyIleIlePheSerSerVal 140  
 DB 437 ATGGCTTCTCGCAACCACTTCAGCAATCAGAAACAGTGGGATTTATCTTCAGCAGTGT 496  
 QY 141 GluThrAsnIleGlyAsnPhePheAspValMetThrGlyArgPheGlyAlaProValSer 160  
 DB 497 GAGACCAACATTTGAAACTTCTTTGATGTCACTGTAGATTGGGGCCCGCATATCA 556  
 QY 161 GlyValTyrPhePheThrPheSerMetLysHisGluAspValGluGluValTyrVal 180  
 DB 557 GGTGTATTTCTTCACTTCACTTCAGCATGATGAAGCATGAGATGTTGAGAGATGATGTG 616  
 QY 181 TyrLeuMetHisAsnGlyAsnThrValPheSerMetTyrSerTyrGluMetLysGlyLys 200

DB 617 TACCTTATGCACAAATGCAACACAGTCTTCAGCATGTACAGCTATGAATGAAGGGCAAA 676  
 QY 201 SerAspThrSerSerAsnHisAlaValLeuLysLeuAlaLysGlyAspGluValTyrLeu 220  
 DB 677 TCAGATACATCCAGCAATCATGTCTGTGAAAGCTAGCCAAAGGAGATGAGGTGGCTG 736  
 QY 221 ArgMetGlyAsnGlyAlaLeuHisGlyAspHisGlnArgPheSerThrPheAlaGlyPhe 240  
 DB 737 CGAATGGGCAATGGCGCTCTCCATGGGGACCAACAGCTTCTCCACCTTTCAGAGATTTC 796  
 QY 241 LeuLeuPheGluThrLys 246  
 DB 797 CTGCTCTTGAACCTAAG 814

Search completed: February 24, 2005, 11:40:09  
 Job time : 590 secs